

Appendix: ASTM Methods for Analysis of Plastic and Rubber Materials

PLASTICS: ASTM TESTING METHODS

D 256	IMPACT RESISTANCE—IZOD/CHARPY
D 374	THICKNESS OF SOLID ELECTRICAL INSULATION
D 412	RUBBER PROPERTIES IN TENSION
D 542	INDEX OF REFRACTION
D 543	RESISTANCE OF PLASTICS TO CHEMICAL REAGENTS
D 568	RATE OF BURNING IN VERTICAL POSITION
D 569	FLOW PROPERTIES OF THERMOPLASTICS
D 570	WATER ABSORPTION BY PLASTICS
D 621	DEFORMATION OF PLASTICS UNDER LOAD
D 635	RATE OF BURNING IN HORIZONTAL POSITION
D 637	SURFACE IRREGULARITIES IN TRANSPARENT SHEETS
D 638	TENSILE PROPERTIES OF PLASTICS
D 648	DEFLECTION UNDER FLEXURAL LOAD
D 673	MARRING RESISTANCE
D 695	COMPRESSIVE PROPERTIES OF RIGID PLASTICS
D 696	COEFFICIENT OF LINEAR EXPANSION
D 732	SHEAR STRENGTH BY PUNCH TOOL
D 746	BRITTLINESS TEMPERATURE BY IMPACT
D 756	WEIGHT & SHAPE CHANGE UNDER ACCEL COND

D 785 ROCKWELL HARDNESS
D 789 RELATIVE VISCOSITY, MELT POINT & % POLYAMIDE
D 790 FLEXURAL STRENGTH & MODULUS
D 792 SPECIFIC GRAVITY BY DISPLACEMENT METHOD
D 794 PERMANENT EFFECT OF HEAT ON PLASTICS
D 881 DEVIATION OF LINE OF SIGHT
D 882 TENSILE PROPERTIES OF THIN PLASTIC SHEET
D 952 BOND OR COHESIVE STRENGTH
D 953 BEARING STRENGTH OF PLASTICS
D 1004 INITIAL TEAR RESISTANCE OF PLASTIC FILM
D 1042 DIMENSIONAL CHANGES UNDER ACCEL COND
D 1043 STIFFNESS BY MEANS OF A TORSION TEST
D 1044 RESISTANCE TO PLASTICS BY ABRASION
D 1180 BURSTING STRENGTH OF PLASTIC TUBING
D 1203 VOLATILE LOSS USING ACTIVATED CARBON
D 1204 DIMENSIONAL CHANGES @ ELEVATED TEMP
D 1238 FLOW RATE BY EXTRUSION PLASTOMETER
D 1239 RESISTANCE OF PLASTIC FILM TO EXTRACTION
D 1242 RESISTANCE OF PLASTIC FILM TO ABRASION
D 1243 DILUTE SOLUTION VISCOSITY OF PVC
D 1299 SHRINKAGE AT ELEVATED TEMPERATURES
D 1433 RATE OF BURNING AT 45 DEGREE ANGLE
D 1435 OUTDOOR WEATHERING OF PLASTICS
D 1505 DENSITY BY GRADIENT TECHNIQUE
D 1525 VICAT SOFTENING TEMPERATURE
D 1598 TIME TO FAILURE OF PIPE UNDER PRESSURE
D 1599 SHORT TERM HYDRAULIC FAILURE/PLASTIC PIPE
D 1601 DILUTE SOLUTION VISCOSITY OF POLYETHYLENE
D 1603 DETERMINATION OF CARBON BLACK IN OLEFINS
D 1621 COMPRESSIVE PROPERTIES OF CELLULAR PLASTICS
D 1622 APPARENT DENSITY OF RIGID CELLULAR PLASTICS
D 1623 TENSILE OR ADHESION OF CELLULAR PLASTICS
D 1637 TENSILE HEAT DISTORTION TEMPERATURE
D 1652 EPOXY CONTENT OF EPOXY RESINS
D 1693 ENVIRONMENTAL STRESS CRACKING /PE
D 1694 THREAD ANALYSIS OF PIPE (SEM)

D 1708 MICROTENSILE PROPERTIES OF PLASTICS
D 1709 IMPACT BY FREE FALLING DART
D 1712 RESISTANCE TO SULFIDE STAINING
D 1746 TRANSPARENCY OF PLASTIC SHEETING
D 1784 LONGITUDINAL TENSILE OF PIPE
D 1790 BRITTLINESS TEMPERATURE BY IMPACT
D 1870 ELEVATED TEMPERATURE AGING BY TUBULAR OVEN
D 1894 STATIC AND KINETIC COEFFICIENT OF FRICTION
D 1895 DENSITY/BULK FACTOR/POURABILITY
D 1925 YELLOWNESS INDEX OF PLASTICS
D 1938 TEAR PROPAGATION
D 1939 RESIDUAL STRESS BY GLACIAL ACETIC ACID IMRSN
D 2105 LONGITUDINAL TENSILE OF REINFORCED PIPE
D 2115 OVEN HEAT STABILITY OF PVC COMPOSITIONS
D 2122 DIMENSIONS OF THERMOPLASTIC PIPE & FITTINGS
D 2124 PVC ANALYSIS BY FTIR
D 2126 RESISTANCE TO THERMAL & HUMID AGING
D 2151 STAINING OF PVC BY COMPOUNDING MATERIALS
D 2152 DEGREE OF FUSION BY ACETONE EXTRACTION
D 2222 METHANOL EXTRACT OF VINYL CHLORIDE RESINS
D 2238 ABSORBANCE OF POLYETHYLENE AT 1378 CM-1
D 2240 RUBBER PROPERTY DUROMETER HARDNESS
D 2288 WEIGHT LOSS OF PLASTICIZER ON HEATING
D 2289 TENSILE AT HIGH SPEEDS
D 2290 TENSILE BY SPLIT DISK METHOD
D 2299 DETERMINING RELATIVE STAIN RESISTANCE
D 2383 PLASTICIZER COMPATIBILITY OF PVC
D 2412 EXTERNAL LOAD BY PARALLEL PLATE METHOD
D 2444 TUP IMPACT OF PIPE FITTINGS
D 2445 THERMAL OXIDATIVE STABILITY
D 2463 DROP IMPACT OF BLOW MOLDED CONTAINERS
D 2471 GEL TIME AND PEAK EXOTHERMIC TEMP/RESINS
D 2552 ENVIRONMENTAL STRESS RUPTURE/CONSTANT LOAD
D 2561 ENVIRONMENTAL STRESS CRACK/CONTAINERS
D 2562 CLASSIFYING VISUAL DEFECTS IN THERMOSETS
D 2563 CLASSIFYING VISUAL DEFECTS IN LAMINATES

D 2566 WETTING TENSION OF FILMS
D 2578 PUNCTURE PROPAGATION TEAR RESISTANCE
D 2583 BARCOL HARDNESS
D 2584 IGNITION LOSS OF CURED REINFORCED RESINS
D 2587 ACETONE EXTRACTION AND IGNITION
D 2659 COLUMN CRUSHING THERMOPLASTIC CONTAINERS
D 2683 PE SOCKET FITTING SPECIFICATIONS
D 2684 PERMEABILITY OF CONTAINERS TO REAGENTS
D 2732 LINEAR THERMAL SHRINKAGE OF FILMS & SHEET
D 2734 VOID CONTENT OF REINFORCED PLASTICS
D 2839 USE OF A MELT INDEX STRAND FOR DENSITY
D 2841 SAMPLING OF HOLLOW MICROSPHERES
D 2842 WATER ABSORPTION OF RIGID CELLULAR PLASTICS
D 2856 OPEN CELL CONTENT OF RIGID CELLULAR PLASTICS
D 2857 DILUTED SOLUTION VISCOSITY OF POLYMERS
D 2863 OXYGEN INDEX
D 2911 DIMENSIONS AND TOLERANCES OF PLASTIC BOTTLES
D 2951 RESISTANCE OF PE TO STRESS CRACKING
D 2990 COMPRESSIVE CREEP
D 2991 STRESS RELAXATION
D 3012 THERMAL OXIDATIVE STABILITY—BIAXIAL ROTOR
D 3014 FLAME HT, BURN TIME, WT LOSS IN VERT POSITION
D 3029 TUP IMPACT RESISTANCE
D 3030 VOLATILE MATTER OF VINYL CHLORIDE RESINS
D 3045 HEAT AGING OF PLASTICS WITHOUT LOAD
D 3124 VINYLIDENE UNSATURATION NUMBER BY FTIR
D 3291 COMPATIBILITY OF PLASTICIZERS/COMPRESSION
D 3349 ABSORPTION COEFFICIENT/PE & CARBON BLACK
D 3351 GEL COUNT OF PLASTIC FILMS
D 3354 BLOCKING LOAD OF PLASTIC FILM
D 3367 PLASTICIZER SORPTION OF PVC
D 3417 HEAT OF FUSION BY DSC
D 3418 TRANSITION TEMP OF POLYMERS BY DTA
D 3536 MOLECULAR WEIGHT BY GPC
D 3576 CELL SIZE OF RIGID CELLULAR PLASTICS
D 3591 LOGARITHMIC VISCOSITY OF PVC

D 3593 MOLECULAR WT BY GPC/UNIVERSAL CALIB
D 3594 EA/EEA BY FTIR
D 3713 MEASURING RESPONSE TO SMALL FLAME IGNITION
D 3748 EVALUATING HD RIGID CELLULAR PLASTICS
D 3810 EXTINGUISHING CHARACTERISTICS-VERT POSITION
D 3835 RHEOLOGICAL PROPERTIES/CAPILLARY RHEOMTR
D 3846 IN PLANE SHEAR OF REINFORCED PLASTICS
D 3895 COPPER INDUCED OXIDATIVE INDUCTION BY DSC
D 3914 IN PLANE SHEAR OF RODS
D 3916 TENSILE OF PLASTIC ROD
D 3917 DIMENSIONAL TOLERANCE OF PULTRUDED SHAPES
D 3998 PENDULUM IMPACT OF EXTRUDATES
D 4065 DYNAMIC MECHANICAL PROPERTIES OF PLASTICS
D 4093 PHOTOELECTRIC BIREFRINGENCE
D 4100 GRAVIMETRIC ANALYSIS OF SMOKE/PLASTICS
D 4218 DETERMINATION OF CARBON BLACK CONTENT
D 4272 IMPACT BY DART DROP
D 4274 DETERMINATION OF HYDROXYL # IN POLYOLS
D 4321 DETERMINATION OF PACKAGE YIELD
D 4385 CLASSIFYING VISUAL DEFECTS PULTRUDED
D 4475 HORIZONTAL SHEAR OF PLASTIC RODS
D 4476 FLEXURAL PROPERTIES PULTRUDED RODS
D 4508 CHIP IMPACT
D 4591 DETERMINING TEMP TRANSITIONS BY DSC
D 4603 INHERENT VISCOSITY OF PET
D 4660 TDI ISOMER CONTENT BY QUANT FTIR
D 4662 ACID AND ALKALINITY #S OF POLYOLS
D 4664 FREEZING POINT OF TDI MIXTURES
D 4665 ASSAY OF ISOCYANATES
D 4666 AMINE EQUIVALENT OF ISOCYANATES
D 4667 ACIDITY OF TDI
D 4668 QUANTITATION OF Na & K IN POLYOLS
D 4669 SPECIFIC GRAVITY OF POLYOLS
D 4670 DETERMINATION OF SUSPENDED MATTER/POLYOLS
D 4671 DETERMINATION OF UNSATURATION/POLYOLS
D 4672 DETERMINATION OF WATER IN POLYOLS

- D 4754 EXTRACTION BY FDA MIGRATION CELL
- D 4804 FLAMMABILITY OF NONRIGID SOLID PLASTICS
- D 4812 UNNOTCHED IZOD IMPACT
- D 4875 QUANTITATION OF PEO IN POLYETHERS BY NMR
- D 4876 ACIDITY OF ISOCYANATES
- D 4877 DETERMINATION OF COLOR/ISOCYANATES
- D 4890 GARDNER/APHA COLOR OF POLYOLS
- E 96 WATER VAPOR TRANSMISSION/FISHER CUP
- E 252 THICKNESS OF THIN FOIL BY WEIGHING
- E 831 LINEAR THERMAL EXPANSION BY TMA

COATINGS: ASTM TESTING PROCEDURES

- D 86 DISTILLATION OF PETROLEUM PRODUCTS
- D 95 WATER IN PETROLEUM AND BITUMENS
- D 153 SPECIFIC GRAVITY OF PIGMENTS
- D 185 COARSE PARTICLE SIZE-PIGMENTS, PASTES,PAINTS
- D 279 BLEEDING OF PIGMENT
- D 280 HYGROSCOPIC MOISTURE IN PIGMENTS
- D 281 OIL ABSORPTION OF PIGMENTS BY SPATULA RUB
- D 305 SOLVENT EXTRACTABLES BLACK PIGMENTS
- D 332 TINT BY VISUAL OBSERVATION
- D 344 RELATIVE HIDING POWER BY VISUAL EVALUATION
- D 464 SAPONIFICATION NUMBER OF ROSIN
- D 465 ACID NUMBER OF ROSIN
- D 522 MANDREL BEND
- D 562 CONSISTENCY USING STORMER VISCOMETER
- D 610 EVALUATING DEGREE OF RUSTING
- D 611 ANILINE POINT, MIXED ANILINE POINT
- D 658 ABRASION RESISTANCE BY AIR BLAST ABRASIVE
- D 659 EVALUATING DEGREE OF CHALKING
- D 660 EVALUATING DEGREE OF CHECKING
- D 661 EVALUATING DEGREE OF CRACKING
- D 662 EVALUATING DEGREE OF EROSION
- D 711 NO PICK UP TIME OF TRAFFIC PAINT
- D 714 EVALUATING DEGREE OF BLISTERING OF PAINTS
- D 772 EVALUATING DEGREE OF FLAKING

D 868 EVALUATING DEGREE OF BLEEDING/TRAFFIC PAINT
D 869 EVALUATING DEGREE OF SETTING OF PAINT
D 870 TESTING OF WATER RESISTANCE/WATER IMMERSION
D 913 EVALUATING RESISTANCE TO WEAR TRAFFIC PAINT
D 968 ABRASION RESISTANCE BY FALLING ABRASIVE
D 969 DEGREE OF BLEEDING OF TRAFFIC PAINT
D 1005 MEASUREMENT OF DRY FILM THICKNESS
D 1078 DISTILLATION RANGE OF VOLATILE ORGANICS
D 1186 FILM THICKNESS OF NONMAGNETIC COATING
D 1198 SOLVENT TOLERANCE OF AMINE RESINS
D 1208 COMMON PROPERTIES OF CERTAIN PIGMENTS
D 1209 APHA COLOR OF CLEAR LIQUIDS
D 1210 FINENESS OF DISPERSION PIGMENT VEHICLE SYSTEM
D 1211 TEMPERATURE CHANGE RESISTANCE WOOD
D 1212 MEASUREMENT OF WET FILM THICKNESS
D 1306 PHTHALIC ANHYDRIDE CONTENT OF ALKYDS
D 1308 EFFECT OF HOUSEHOLD CHEMICALS OF FINISHES
D 1309 SETTING PROPERTIES OF TRAFFIC PAINTS-STORAGE
D 1353 NONVOLATILE MATTER IN VOLATILE SOLVENTS
D 1358 DIENE VALUE OF DEHYDRATED OIL
D 1363 PERMANGANATE TIME/METHANOL \$125
D 1364 WATER BY KF METHOD \$150
D 1462 ANALYSIS OF REFINED SOYBEAN OIL QUOTE
D 1468 VOLATILE MATTER IN TRICRESYL PHOSPHATE \$75
D 1475 DENSITY OF PAINT, VARNISH, LACQUER \$50
D 1476 HEPTANE MISCIBILITY OF LACQUER SOLVENTS \$100
D 1483 GARDNER COLEMAN OIL ABSORPTION ANALYSIS \$100
D 1542 QUALITATIVE DETECTION OF ROSIN IN VARNISHES \$200
D 1543 COLOR PERMANENCE OF WHITE ENAMELS \$200
D 1544 GARDNER COLOR OF TRANSPARENT LIQUIDS QUOTE
D 1545 BUBBLE VISCOSITY QUOTE
D 1613 ACIDITY IN VOLATILE SOLVENTS
D 1614 ALKALINITY IN ACETONE
D 1617 ESTER VALUE OF SOLVENTS AND THINNERS
D 1639 ACID VALUE OF ORGANIC COATING MATERIALS
D 1643 GAS CHECKING AND DRAFT OF VARNISH FILMS

D 1644 NONVOLATILE CONTENT OF VARNISHES
D 1647 RESISTANCE OF VARNISHES TO WATER AND ALKALI
D 1653 WATER VAPOR PERMEABILITY ORGANIC COATINGS
D 1721 PERMANGANATE TIME OF TRICRESYL PHOSPHATE
D 1722 MISCIBILITY OF WATER-SOLUBLE SOLVENTS
D 1736 EFFLORESCENCE OF INTERIOR WALL PAINTS
D 1848 CLASSIFICATION OF FILM FAILURES-LATEX
D 1926 CARBOXYL CONTENT OF CELLULOSE
D 1951 ASH IN DRYING OILS AND FATTY ACIDS
D 1952 QUANTITATIVE DETERMINATION OF BREAK
D 1954 FOOTS IN RAW LINSEED OIL
D 1955 GEL TIME OF DRYING OILS
D 1957 HYDROXYL VALUE OF FATTY ACIDS AND OILS
D 1958 CHLOROFORM INSOLUBLE MATTER IN OITICICA OIL
D 1959 IODINE VALUE OF DRYING OILS AND FATTY ACIDS
D 1960 LOSS ON HEATING OF DRYING OILS
D 1962 SAPONIFICATION VALUE
D 1963 SPECIFIC GRAVITY OF DRYING OILS
D 1965 UNSAPONIFIABLE MATTER IN DRYING OILS
D 1966 FOOTS IN RAW LINSEED OIL-GRAVIMETRIC METHOD
D 1967 DETERMINATION OF COLOR AFTER HEATING/OILS
D 1980 ACID VALUE/FATTY ACIDS
D 1981 DETERMINATION OF COLOR AFTER HEATING/ACIDS
D 1982 TITER OF FATTY ACIDS
D 2072 H₂O IN FATTY QUAT AMMONIUM CHLORIDES
D 2077 ASH IN FATTY QUAT AMMONIUM CHLORIDES
D 2074 INDICATOR METHOD, FATTY AMINES
D 2075 IODINE VALUE OF FATTY AMINES
D 2076 ACID/AMINE #FATTY QUAT AMMONIUM CHLORIDE
D 2078 IODINE # OF FATTY QUAT AMMONIUM
D 2079 NONVOLATILES/FATTY AMMONIUM CHLORIDES
D 2081 PH OF FATTY QUATERNARY AMMONIUM CHLORIDES
D 2086 ACIDITY IN VINYL ACETATE AND ACETALDEHYDE
D 2090 CLARITY/CLEANNES OF PAINT AND INK LIQUIDS
D 2091 PRINT RESISTANCE OF LACQUERS
D 2197 SCRAPE ADHESION OF ORGANIC COATINGS

D 2352 SULFUR DIOXIDE IN WHITE PIGMENT
D 2369 VOLATILE CONTENT IN COATINGS
D 2370 TENSILE PROPERTIES OF ORGANIC COATINGS
D 2372 SEPARATION OF VEHICLE/SOLVENT
D 2376 SLUMP OF FACE GLAZING/BEDDING COMPOUNDS
D 2379 ACIDITY OF FORMALDEHYDE SOLUTIONS
D 2438 DETERMINATION OF SILICA IN CELLULOSE
D 2454 DETERMINING EFFECT OF OVERBAKE ON COATINGS
D 2485 EVALUATING TEMPERATURE RESISTANT COATINGS
D 2572 ISOCYANATE GROUPS IN URETHANES
D 2621 IR IDENTIFICATION OF VEHICLE SOLIDS
D 2641 CHLORINE IN CELLULOSE
D 2697 VOLUME OF NONVOLATILE MATTER IN COATINGS
D 2698 DETERMINATION OF PIGMENT/CENTRIFUGE
D 2745 TINTING OF WHITE PIGMENTS BY REFLECTANCE
D 2792 SOLVENT AND FUEL RESISTANCE OF TRAFFIC PAINT
D 2793 BLOCK RESISTANCE OF COATINGS ON WOOD
D 2794 IMPACT RESISTANCE
D 2921 QUALITATIVE PRESENCE OF WATER REPELLENTS
D 3002 EVALUATION OF COATINGS FOR PLASTICS
D 3003 PRESSURE MOTTILING AND BLOCKING
D 3021 ANALYSIS OF PHTHALOCYANATE GREEN PIGMENTS
D 3023 STAIN AND REAGENT RESISTANCE OF COATINGS
D 3132 SOLUBILITY RANGE OF RESINS AND POLYMERS
D 3133 CELLULOSE NITRATE QUANT IN ALKYDS BY FTIR
D 3168 QUALITATIVE IDENTIFICATION OF POLYMERS/FTIR
D 3170 CHIPPING RESISTANCE OF COATINGS
D 3260 ACID AND MORTAR RESISTANCE OF COATINGS
D 3272 VACUUM DISTILLATION OF SOLVENTS FOR ANALYSIS
D 3335 LOW CONCENTRATIONS OF PB, CD, AND CO BY AA
D 3359 MEASURING ADHESION BY TAPE TEST
D 3363 FILM HARDNESS BY PENCIL TEST
D 3424 EVALUATING LIGHTFASTNESS
D 3516 ASHING OF CELLULOSE
D 3618 DETECTION OF LEAD IN PAINT & DRIED FILMS
D 3624 LOW CONCENTRATIONS OF HG BY AA

D 3717 LOW CONCENTRATIONS OF SB BY AA
D 3718 LOW CONCENTRATIONS OF CR BY AA
D 3723 PIGMENT CONTENT BY LOW TEMPERATURE ASHING
D 3732 REPORTING CURE TIMES OF UV CURED COATINGS
D 3733 SILICA CONTENT OF SILICONE POLYMERS
D 3912 CHEMICAL RESISTANCE/NUCLEAR PLANT COATINGS
D 3926 PERCENT SOLIDS IN TITANIUM DIOXIDE SLURRIES
D 3960 DETERMINING VOC CONTENT IN COATINGS
D 3971 DICHLOROMETHANE SOLUBLES IN CELLULOSE
D 4017 WATER BY KF METHOD
D 4060 TABER ABRASION
D 4085 METALS IN CELLULOSE BY AA
D 4138 MEASUREMENT OF DRY FILM THICKNESS BY SEM
D 4139 VOLATILE & NONVOLATILE CONTENT OF PIGMENTS
D 4144 ESTIMATING PACKAGE STABILITY FOR UV CURING
D 4145 COATING FLEXIBILITY OF PREPAINTED SHEET
D 4212 VISCOSITY BY DIP-TYPE VISCOSITY CUPS
D 4214 DEGREE OF CHALKING OF EXTERIOR PAINTS
D 4262 PH OF CLEANED OR ETCHED CONCRETE
D 4263 MOISTURE IN CONCRETE/PLASTIC SHEET METHOD
D 4285 INDICATING MOISTURE IN CONCRETE METHOD
D 4301 TOTAL CHLORINE IN EPOXY COMPOUNDS
D 4359 DETERMINING MATERIAL AS LIQUID OR SOLID
D 4370 ACID AND BASE MEQ CONTENT OF ECOAT BATHS
D 4414 MEASUREMENT OF WET FILM THICKNESS BY NOTCH
D 4451 PIGMENT CONTENT BY LOW TEMPERATURE ASHING
D 4518 MEASURING STATIC FRICTION OF COATED SURFACES
D 4563 TIO₂ CONTENT BY AA
D 4584 APPARENT PH OF ELECTRODE BATHS
D 4613 APPARENT PH OF WATER IN PHENOL FORMALD
D 4639 VOLATILE CONTENT IN PHENOLIC RESINS
D 4640 STROKE CURE TIME THERMOSET PHENOL FORMALD
D 4706 QUALITATIVE DET. METHYLOL GROUPS/PHENOLICS
D 4713 NONVOLATILE CONTENT OF INKS, RESINS,SOLNS
D 4752 MEK RESISTANCE OF ZINC RICH PRIMERS
D 4758 NONVOLATILE CONTENT OF LATEXES

- D 4796 BOND STRENGTH OF TRAFFIC MARKING MATERIALS
- D 4946 BLOCKING RESISTANCE OF ARCHITECTURAL PAINTS
- D 4948 DETERMINATION OF UPPER LAYER VISCOUS

COATINGS: ASTM SPECIFICATION COMPLIANCE OF RAW MATERIALS AND FABRICATED COMPONENTS

- D 29 LAC RESINS
- D 34 WHITE PIGMENTS
- D 49 RED LEAD
- D 50 MANGANESE PIGMENTS
- D 79 ZINC OXIDE PIGMENTS
- D 81 WHITE LEAD PIGMENTS
- D 84 RED LEAD PIGMENTS
- D 85 OCHRE PIGMENT
- D 126 PB CHROMATE, CR GREEN
- D 154 VARNISHES
- D 207 DRY BLEACHED LAC
- D 209 LAMPBLACK PIGMENT
- D 210 BONE BLACK PIGMENT
- D 211 CHROME YELLOW, ORANGE
- D 212 CHROME GREEN
- D 215 WHITE LINSEED OIL PAINT
- D 237 ORANGE SHELLAC
- D 261 IRON BLUE PIGMENT
- D 262 ULTRAMARINE BLUE PIGMENT
- D 263 CHROME OXIDE GREEN
- D 267 GOLD BRONZE POWDER
- D 281 SPATULA OIL ABSORPTION
- D 283 COPPER PIGMENTS
- D 333 CLEAR, PIGMENTED LACQUER
- D 360 SHELLAC VARNISHES
- D 365 NITROCELLULOSE SOLUTION
- D 444 ZINC YELLOW PIGMENT
- D 475 PARA RED TONER PIGMENT
- D 476 TITANIUM DIOXIDE PIGMENT
- D 480 FLAKED AL POWDERS

D 520 ZINC DUST PIGMENTS
D 521 METALLIC ZINC POWDER
D 561 CARBON BLACK
D 600 LIQUID PAINT DRIERS
D 601 OITICICA OIL
D 602 BARIUM SULFATE PIGMENT
D 603 ALUMINUM SILICATES
D 604 DIATOMACEOUS SILICA
D 605 MAGNESIUM SILICATES
D 607 WET GROUND MICAS
D 656 PURE TOLUIDINE RED TONER
D 715 BARIUM SULFATE PIGMENT
D 717 MAGNESIUM SILICATE PIGM.
D 718 ALUMINUM SILICATE PIGM.
D 719 DIATOMACEOUS SILICA
D 763 RAW AND BURNT UMBER
D 765 RAW AND BURNT SIENNA
D 768 YELLOW IRON OXIDE
D 769 SYNTHETIC FE-OXIDE
D 784 INDIAN LACS
D 802 PINE OIL
D 803 TALL OIL
D 856 PINE TAR, PINE TAR OILS
D 960 RAW CASTOR OIL
D 962 AL POWDER/PASTE
D 970 PARA/TOLUIDINE REDS
D 1064 IRON IN ROSIN
D 1257 HIGH GRAVITY GLYCERIN
D 1258 HIGH GRAVITY GLYCERIN
D 1467 FATTY ACIDS
D 1537 SOYBEAN FATTY ACIDS
D 1538 LINSEED FATTY ACIDS
D 1539 DEHYDRATED CASTOR OILS
D 1540 CHEMICAL RESISTANCE
D 1541 IODINE VALUE/DRYING OILS
D 1585 FATTY ACID CONTENT/ROSIN

D 1640 DRY, CURE TIME
D 1648 EXTERIOR DURABILITY
D 1654 CORROSION RESISTANCE
D 1841 COCONUT FATTY ACIDS
D 1842 CORN FATTY ACIDS
D 1843 COTTONSEED FATTY ACIDS
D 1845 STRONTIUM CHROMATE
D 1984 TALL OIL FATTY ACIDS
D 2571 WOOD FURNITURE LACQUERS
D 2575 POLYMERIZED FATTY ACIDS
D 2931 LATEX FLAT WALLS PAINTS
D 2932 EXTERIOR HOUSE COATINGS
D 3129 LATEX FLAT WALLS PAINTS
D 3256 PHTHALOCYANIN BLUE, GREEN
D 3280 WHITE ZINC PIGMENTS
D 3322 PRIMER SURFACES
D 3323 SOLVENT/FLAT WALL PAINTS
D 3358 WATER BASED FLOOR PAINTS
D 3383 SOLVENT/FLOOR PAINTS
D 3425 INTERIOR SEMIGLOSS
D 3451 POWDER COATINGS
D 3619 ANHYDROUS AL-SILICATES
D 3721 SYNTHETIC RED IRON OXIDE
D 3724 SYNTHETIC BROWN FE-OXIDE
D 3730 ARCHITECTURAL WALL COAT
D 3794 COIL COATINGS
D 4302 ARTISTS' PAINT
D 4540 INT. SEMI-GLOSS/GLOSS
D 4712 INT. WATER BASE PAINTS

**RUBBER AND RUBBER PRODUCTS, NATURAL AND
SYNTHETIC: ASTM TESTING PROCEDURES**

C 542 SPECIFICATION FOR LOCK-STRIP GASKETS
C 564 SPECIFICATION FOR RUBBER GASKETS, PIPE FITTINGS
D 149 DIELECTRIC BREAKDOWN STRENGTH
D 150 DIELECTRIC CONSTANT

D 256 IZOD IMPACT
D 297 CHEMICAL ANALYSIS
D 378 STANDARD TESTS FOR RUBBER BELTING
D 380 STANDARD TESTS FOR RUBBER HOSE
D 395 COMPRESSION SET
D 413 ADHESION TO A FLEXIBLE SUBSTRATE
D 429 ADHESION TO A RIGID SUBSTRATE
D 471 EFFECT OF LIQUIDS
D 518 SURFACE CRACKING
D 573 DETERIORATION IN AIR OVEN
D 575 COMPRESSION
D 746 BRITTLINESS ON IMPACT
D 814 VAPOR TRANSMISSION
D 865 DETERIORATION BY HEATED AIR
D 925 STAINING OF SURFACES-PER COATING
D 1043 TORSIONAL FLEX
D 1084 VISCOSITY OF ADHESIVE
D 1148 HEAT AND UV LIGHT DISCOLORATION
D 1149 SURFACE OZONE CRACKING IN A CHAMBER
D 1171 OZONE CRACKING-TRIANGULAR METHOD
D 1229 COMPRESSION SET AT LOW TEMPERATURES
D 1278 CHEMICAL ANALYSIS OF NATURAL RUBBER
D 1416 CHEMICAL ANALYSIS OF SYNTHETIC RUBBER
D 1460 CHANGE IN LENGTH DURING IMMERSION IN LIQUID
D 1506 ASH OF CARBON BLACK
D 1508 FINES CONTENT OF CARBON BLACK
D 1509 CARBON BLACK HEATING LOSS
D 1510 CARBON BLACK IODINE ABSORPTION NUMBER
D 1511 PELLET SIZE DISTRIBUTION OF CARBON BLACK
D 1512 PH OF CARBON BLACK
D 1513 POUR DENSITY-PELLETED CARBON BLACK
D 1514 SIEVE ANALYSIS
D 1519 MELTING RANGE RUBBER COMPOUNDING MATLS
D 1618 TOLUENE DISCOLORATION
D 1766 SOLUBILITY OF RUBBER CHEMICALS
D 1817 DENSITY WITH IMMERSION LIQUID

D 1870 TUBE OVEN AGING QUOTE
D 1871 ADHESION OF WIRE TO RUBBER
D 2000 CLASSIFICATION AUTOMOTIVE RUBBER PRODUCTS
D 2240 DUROMETER HARDNESS OF RUBBER
D 2527 SPLICE STRENGTH
D 2630 STRAP PEEL ADHESION
D 2702 FTIR IF RUBBER CHEMICALS
D 2703 UV ABSORPTION OF RUBBER CHEMICALS
D 2934 COMPATIBILITY WITH SERVICE FLUIDS
D 3137 HYDROLYTIC STABILITY
D 3265 TINT STRENGTH
D 3677 IDENTIFICATION BY FTIR
D 3849 PRIMARY AGGREGATE DIMENSIONS BY SEM/TEM
D 3900 DETERMINATION OF ETHYLENE UNITS IN EPM/EPDM
D 3959 DISCOLORATION SENSITIVITY TO TOBACCO SMOKE
D 4004 METAL CONTENT BY AA-PER METAL
D 4005 DEGREE OF FUSION OF PVC DISPERSION COATINGS
D 4075 METAL CONTENT BY AA
D 4527 SOLVENT EXTRACTABLES OF CARBON BLACK
D 4569 ACIDITY OF SULFUR
D 4570 PARTICLE SIZE BY SIEVE, FOR SULFUR
D 4571 VOLATILE CONTENT
D 4572 WET SIEVE ANALYSIS FOR SULFUR
D 4573 OIL CONTENT IN SULFUR
D 4574 ASH CONTENT OF SULFUR
D 4578 PERCENT INSOLUBLE SULFUR BY CS₂ EXTRACTION
D 4004 METAL CONTENT BY AA-PER METAL
D 4005 DEGREE OF FUSION OF PVC DISPERSION COATINGS
D 4075 METAL CONTENT BY AA
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**RUBBER AND RUBBER PRODUCTS: ASTM SPECIFICATION
COMPLIANCE OF RAW MATERIALS AND FABRICATED
COMPONENTS**

D 378	RUBBER BELTING
D 380	RUBBER HOSE
D 622	AUTOMOTIVE VACUUM LINE
D 751	COATED FABRICS
D 846	RUBBER CEMENTS
D 876	PVC TUBING
D 1330	SHEET GASKETS
D 1414	O-RINGS
D 1417	SYNTHETIC LATEX
D 1565	OPEN CELL FOAM
D 1764	LATEX AUTOMOTIVE PARTS
D 1992	PLASTICIZERS
D 2000	RUBBER AUTOMOTIVE PARTS
D 3453	FOAMS, FURNITURE, BEDDING
D 3489	MICROCELLULAR URETHANE
D 3490	BONDED URETHANE FOAMS
D 3571	LAUNDRY INLET HOSE
D 3572	LAUNDRY OUTLET HOSE
D 3573	SINK SPRAY HOSE
D 3574	SLAB/MOLDED FOAMS
D 3575	CELLULAR OLEFINS
D 3676	RUG UNDERLAY CUSHION
D 3738	RUBBER HOSPITAL SHEETS
D 3851	SHOE SOLING MATERIALS
D 4295	ZINC OXIDE
D 4316	RUBBER WATER BOTTLES
D 4528	SULFUR
D 4677	TITANIUM DIOXIDE
D 4679	RUBBER GLOVES
D 4817	STEARIC ACID
D 4819	CELLULAR OLEFINS
D 4924	WAXES