



## **2019 ANNUAL BOOK OF ASTM STANDARDS**

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## **Summary of Content and Availability**

| VOLUME | SECTION   | PRICES (U.S Dollar \$) |  | MONTH PUBLISHED |
|--------|---|------------------------|--|-----------------|
|        | SECTION 1: IRON AND STEEL PRODUCTS                        | Print                  | Multi-User-Single-Site<br>Online Basic |                 |
| 01.01  | Steel – Piping, Tubing, Fittings                          | 333                    | 886                                    | January 2019    |
| 01.02  | Ferrous Castings; Ferroalloys                             | 277                    | 736                                    | January 2019    |
| 01.03  | Steel – Plate, Sheet, Strip, Wire; Stainless Steel Bar    | 280                    | 746                                    | February 2019   |
| 01.04  | Steel – Structural, Reinforcing, Pressure Vessel, Railway | 264                    | 702                                    | January 2019    |
| 01.05  | Steel – Bars, Forgings, Bearing, Chain, Tool              | 290                    | 772                                    | January 2019    |

| 01.06   | Coated Steel Products  | 285  | 758  | February 2019  |
|---|--|------|------|----------------|
| 01.07   | Ships and Marine Technology (I): F670 – F1511  | 298  | 792  | January 2019   |
| 01.08   | Ships and Marine Technology (II): F1546 – Latest   | 157  | 416  | January 2019   |
| 01.09   | Fasteners; Rolling Element Bearings  | 273  | 726  | January 2019   |
| SPECIAL PRI   | ICE for SECTION 1 (VOLUMES 01.01 - 01.09)  | 1843 | 4900 |                |
|   | SECTION 2: NONFERROUS METAL PRODUCTS   |      |      |                |
| 02.01   | Copper and Copper Alloys   | 306  | 814  | May 2019       |
| 02.02   | Aluminum and Magnesium Alloys  | 299  | 794  | September 2019 |
| 02.03   | Electrical Conductors  | 186  | 494  | May 2019       |
| 02.04   | Nonferrous Metals – Nickel, Titanium, Lead, Tin, Zinc, Zirconium, Precious,<br>Reactive, Refractory Metals and Alloys: Materials for Thermostats,<br>Electrical Heating and Resistance Contact, and Connectors | 370  | 984  | June 2019      |
| 02.05   | Metallic and Inorganic Coatings; Metal Powders and Metal Powder<br>Products  | 320  | 850  | May 2019       |
| SPECIAL PRICE for SECTION 2 (VOLUMES 02.01 - 02.05) |  | 1110 | 2952 |                |
|   | SECTION 3: METALS TEST METHODS AND ANALYTICAL PROCEDURES   |      |      |                |
| 03.01   | Metals – Mechanical Testing; Elevated and Low-Temperature Tests;<br>Metallography  | 391  | 1040 | July 2019      |
| 03.02   | Corrosion of Metals; Wear and Erosion  | 277  | 736  | August 2019    |
| 03.03   | Nondestructive Testing (I): C1331 – E2373  | 289  | 768  | October 2019   |
| 03.04   | Nondestructive Testing (II): E2374 – Latest  | 134  | 360  | October 2019   |
| 03.05   | Analytical Chemistry for Metals, Ores, and Related Materials   | 407  | 1082 | October 2019   |
| 03.06   | Molecular Spectroscopy and Separation Science; Surface Analysis  | 234  | 622  | October 2019   |
| 03.07   | Magnetic Properties  | 145  | 386  | April 2019     |
| SPECIAL PRI   | ICE for SECTION 3 (VOLUMES 03.01 - 03.07)  | 1407 | 3746 |                |
|   | SECTION 4: CONSTRUCTION  |      |      |                |
| 04.01   | Cement; Lime; Gypsum   | 266  | 706  | September 2019 |
| 04.02   | Concrete and Aggregates  | 299  | 794  | October 2019   |
| 04.03   | Road and Paving Materials; Vehicle-Pavement Systems  | 380  | 1010 | June 2019      |

| 04.04             | Roofing and Waterproofing   | 227  | 604  | June 2019      |
|-------------------|---|------|------|----------------|
| 04.05             | Chemical-Resistant Nonmetallic Materials; Vitrified Clay Pipe; Concrete<br>Pipe; Fiber-Reinforced Cement Products; Mortars and Grouts; Masonry;<br>Precast Concrete | 377  | 1004 | June 2019      |
| 04.06             | Thermal Insulation; Building and Environmental Acoustics  | 428  | 1138 | November 2019  |
| 04.07             | Building Seals and Sealants; Fire Standards; Dimension Stone  | 377  | 1004 | November 2019  |
| 04.08             | Soil and Rock (I): D420 – D5876   | 429  | 1142 | March 2019     |
| 04.09             | Soil and Rock (II): D5878 – Latest  | 386  | 1026 | April 2019     |
| 04.10             | Wood  | 277  | 736  | July 2019      |
| 04.11             | Building Constructions (I): E72 – E2166   | 511  | 1360 | November 2019  |
| 04.12             | Building Constructions (II): E2167 – Latest; Sustainability; Asset<br>Management; Technology and Underground Utilities  | 325  | 866  | November 2019  |
| 04.13             | Geosynthetics   | 218  | 578  | April 2019     |
| SPECIAL PRI       | CE for SECTION 4 (VOLUMES 04.01 - 04.13)  | 3375 | 8976 |                |
|                   | SECTION 5: PETROLEUM PRODUCTS, LUBRICANTS AND FOSSIL FUELS  |      |      |                |
| 05.01             | Petroleum Products, Liquid Fuels, and Lubricants (I):<br>C1234 – D3709  | 469  | 1248 | February 2019  |
| 05.02             | Petroleum Products, Liquid Fuels and Lubricants (II):<br>D3711 – D6122  | 433  | 1150 | March 2019     |
| 05.03             | Petroleum Products, Liquid Fuels, and Lubricants (III):<br>D6138 – D6971  | 447  | 1190 | March 2019     |
| 05.04             | Petroleum Products, Liquid Fuels, and Lubricants (IV):<br>D6973 – D7755   | 377  | 1004 | March 2019     |
| 05.05             | Petroleum Products, Liquid Fuels, and Lubricants (V):<br>D7756 – Latest; Combustion Characteristics; Manufactured Carbon and<br>Graphite Products                   | 362  | 972  | February 2019  |
| 05.06             | Gaseous Fuels; Coal and Coke; Catalysts; Bioenergy and Industrial<br>Chemicals from Biomass   | 339  | 902  | September 2019 |
| <b>PECIAL PRI</b> | CE for SECTION 5 (VOLUMES 05.01 - 05.06)  | 1821 | 4850 |                |

|            | SECTION 6: PAINTS, RELATED COATINGS AND AROMATICS  |      |      |               |
|------------|--|------|------|---------------|
| 06.01      | Paint – Tests for Chemical, Physical, and Optical Properties; Appearance   | 388  | 1034 | February 2019 |
| 06.02      | Paint – Products and Applications; Protective Coatings; Pipeline Coatings  | 342  | 908  | February 2019 |
| 06.03      | Paint – Pigments, Polymers, Resins, Naval Stores, Cellulosic Esters, and Ink<br>Vehicles                               | 311  | 828  | March 2019    |
| 06.04      | Paint – Solvents; Aromatic; Industrial, Specialty and Related Chemicals  | 381  | 1014 | March 2019    |
| SPECIAL PR | ICE for SECTION 6 (VOLUMES 06.01 - 06.04)  | 1067 | 2838 |               |
|            | SECTION 7: TEXTILES  |      |      |               |
| 07.01      | Textiles (I): D76 – D4391  | 358  | 952  | November 2019 |
| 07.02      | Textiles (II): D4393 – Latest  | 316  | 840  | November 2019 |
| SPECIAL PR | ICE for SECTION 7 (VOLUMES 07.01 - 07.02   | 505  | 1344 |               |
|            | SECTION 8: PLASTICS  |      |      |               |
| 08.01      | Plastics (I): C1147 – D3159  | 306  | 814  | June 2019     |
| 08.02      | Plastics (II): D3222 – D5083   | 321  | 854  | June 2019     |
| 08.03      | Plastics (III): D5117 – Latest; Reinforced Plastic Piping Systems and Chemical<br>Equipment; Plastic Building Products | 400  | 1062 | July 2019     |
| 08.04      | Plastic Piping Systems   | 369  | 980  | January 2019  |
| SPECIAL PR | RICE for SECTION 8 (VOLUMES 08.01 - 08.04)   | 1046 | 2782 |               |
|            | SECTION 9: RUBBER  |      |      |               |
| 09.01      | Rubber, Natural and Synthetic – General Test Methods; Carbon Black   | 370  | 984  | July 2019     |
| 09.02      | Rubber Products, Industrial – Specifications and Related Test Methods;<br>Gaskets; Tires                               | 227  | 604  | August 2019   |
| SPECIAL PR | ICE for SECTION 9 (VOLUMES 09.01 - 09.02)  | 448  | 1192 |               |
|            | SECTION 10: ELECTRICAL INSULATION AND ELECTRONICS  |      |      |               |
| 10.01      | Electrical Insulation (I): D69 – D2484   | 237  | 632  | May 2019      |
| 10.02      | Electrical Insulation (II): D2519 – Latest   | 263  | 700  | May 2019      |
| 10.03      | Electrical Insulating Liquids and Gases; Electrical Protective Equipment   | 218  | 578  | May 2019      |
| 10.04      | Electronics; Declarable Substances in Materials; 3D Imaging Systems;<br>Additive Manufacturing Technologies            | 304  | 808  | April 2019    |

| SPECIAL PR   | RICE for SECTION 10 (VOLUMES 10.01 - 10.04)  | 766  | 2038 |                |
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|  | SECTION 11: WATER AND ENVIRONMENTAL TECHNOLOGY   |      |      |                |
| 11.01  | Water (I)  | 345  | 918  | April 2019     |
| 11.02  | Water (II)   | 356  | 948  | May 2019       |
| 11.03  | Occupational Health and Safety; Protective Clothing  | 210  | 560  | October 2019   |
| 11.04  | Waste Management   | 224  | 596  | September 2019 |
| 11.05  | Environmental Assessment, Risk Management and Corrective Action  | 276  | 734  | August 2019    |
| 11.06  | Environmental; Biological Effects and Environmental Fate; Industrial Biotechnology   | 330  | 878  | August 2019    |
| 11.07  | Air Quality  | 364  | 968  | October 2019   |
| 11.08  | Pesticides, Antimicrobials, and Alternative Control Agents; Hazardous<br>Substances and Oil Spill Response   | 366  | 974  | August 2019    |
| SPECIAL PR   | RICE for SECTION 11 (VOLUMES 11.01 - 11.08)  | 1854 | 4932 |                |
|  | SECTION 12: NUCLEAR, SOLAR AND GEOTHERMAL ENERGY   |      |      |                |
| 12.01  | Nuclear Energy (I)   | 360  | 958  | August 2019    |
| 12.02  | Nuclear (II); Solar and Geothermal Energy; Radiation Processing  | 364  | 968  | September 2019 |
| SPECIAL PRICE for SECTION 12 (VOLUMES 12.01 - 12.02) |  | 543  | 1444 |                |
|  | SECTION 13: MEDICAL DEVICES AND SERVICES   |      |      |                |
| 13.01  | Medical and Surgical Materials and Devices (I): E667 – F2477   | 304  | 808  | September 2019 |
| 13.02  | Medical and Surgical Materials and Devices (II): F2502 – Latest; Emergency<br>Medical Services; Search and Rescue; Anesthetic and Respiratory Equipment      | 371  | 986  | September 2019 |
| SPECIAL PR   | RICE for SECTION 13 (VOLUMES 13.01 - 13.02)  | 506  | 1346 |                |
|  | SECTION 14: GENERAL METHODS AND INSTRUMENTATION  |      |      |                |
| 14.01  | Healthcare Informatics   | 316  | 848  | June 2019      |
| 14.02  | Particle and Spray Characterization; Forensic Sciences; Accreditation &<br>Certification; Forensic Psychophysiology; Nanotechnology; Forensic<br>Engineering | 243  | 652  | July 2019      |
| 14.03  | Sensory Evaluation; Temperature Measurement; Language Services and Products  | 378  | 1028 | July 2019      |
| 14.04  | Laboratory Apparatus; Degradation of Materials; SI; Oxygen Fire Safety   | 280  | 752  | July 2019      |

| 14.05  | Statistical Methods; Hazard Potential of Chemicals; Thermal Measurements;<br>Manufacture of Pharmaceutical and Biopharmaceutical Products   | 330   | 886        | July, 2019     |  |  |
|--|---|-------|------------|----------------|--|--|
| SPECIAL PRICE for SECTION 14 (VOLUMES 14.01 - 14.05) |   | 1160  | 3124       |                |  |  |
|  | Section 15: GENERAL PRODUCTS, CHEMICAL SPECIALTIES, AND END USE PRODUCTS  |       |            |                |  |  |
| 15.01  | Refractories, Activated Carbon; Advanced Ceramics   | 316   | 840        | March 2019     |  |  |
| 15.02  | Glass; Ceramic Whitewares   | 215   | 572        | April 2019     |  |  |
| 15.03  | Space Simulation; Aerospace and Aircraft; Composite Materials   | 358   | 952        | October 2019   |  |  |
| 15.04  | Soaps and Other Detergents; Polishes; Leather; Resilient Floor Coverings  | 302   | 804        | September 2019 |  |  |
| 15.05  | Engine Coolants and Related Fluids; Halogenated Organic Solvents and Fire<br>Extinguishing Agents   | 197   | 524        | August 2019    |  |  |
| 15.06  | Adhesives   | 238   | 634        | August 2019    |  |  |
| 15.07  | Sports Equipment, Playing Surfaces and Facilities; Pedestrian/Walkway<br>Safety and Footwear; Amusement Rides and Devices; Snow Skiing  | 305   | 810        | November 2019  |  |  |
| 15.08  | Security Systems and Equipment; Detention and Correctional Facilities;<br>Homeland Security Applications; Driverless Automatic Guided Industrial<br>Vehicles; Exoskeletons and Exosuits | 140   | 374        | November 2019  |  |  |
| 15.09  | Light Sport Aircraft; Unmanned Aircraft Systems; Aircraft Systems; Aerospace Personnel; General Aviation Aircraft   | 165   | 442        | June 2019      |  |  |
| 15.10  | Packaging; Primary Barrier Packaging; Cannabis  | 344   | 916        | June 2019      |  |  |
| 15.11  | Consumer Products; Business Imaging Products; Vacuum Cleaners   | 264   | 706        | November 2019  |  |  |
| 15.12  | Livestock, Meat, and Poultry Evaluation Systems; Food Service Equipment   | 224   | 596        | November 2019  |  |  |
| SPECIAL PR   | ICE for SECTION 15 (VOLUMES 15.01 - 15.12)  | 2301  | 6128       |                |  |  |
| COMPLETE   | 82-VOLUME SET   | 13168 | On Request |                |  |  |