

FDA HDPE

FDA High Density Polyethylene

Product Description

FDA HDPE is a high-density polyethylene sheet that offers an exceptional processing characteristics with extremely low odor in the finished part. With a good balance of performance properties, it is an ideal choice for many applications, particularly trays, containers and other typical packaging or material handling purposes. This product meets the Food and Drug Administration requirements of 21CFR 177.1520.

Technical Properties

| Property | Test Method | Value |
|---------------------------------------|-------------|--------------|
| Specific Gravity | ASTM D-792 | 0.96 |
| Hardness - Shore D | ASTM D-2240 | 70 |
| Tensile Strength | ASTM D-638 | 4500 psi |
| Ultimate Elongation | ASTM D-638 | >600 % |
| Flexural Modulus | ASTM D-790 | 240,000 psi |
| Izod Impact (Notched) 72°F | ASTM D-256 | 4.8 ft-lb/in |
| Heat Deflection Temperature (@66 psi) | ASTM D-648 | 178°F |

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com

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