

Chemical Resources HD20955

High Density Polyethylene

Chemical Resources, Inc.

Message:

HD 20955 meets the requirements of the FDA regulation 21CFR 177.1520

| General Information | | | |
|--|-------------------------|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.955 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 20 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 27.6 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 9.0 | % | ASTM D638 |
| Flexural Modulus | 1140 | MPa | ASTM D790 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 71.1 | °C | ASTM D648 |

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