

Hyprom-G™ PP-HP25

Polypropylene Homopolymer

Entec Polymers

Message:

Homopolymer, 25 Melt Flow

This product meets the requirements of the US Food and Drug Administration as specified in 21 CFR 177.1520.

| General Information | | | |
|----------------------------------------------------------|---------------------|-------------------|-------------|
| Features | Homopolymer | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 25 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 34.3 | MPa | ASTM D638 |
| Tensile Elongation (Break) | < 100 | % | ASTM D638 |
| Flexural Modulus - 1% Secant | 1470 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 25 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 105 | °C | ASTM D648 |

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