

Hyundai EP PPF HT144H

Polypropylene Homopolymer

HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PPF HT144H is a Polypropylene Homopolymer (PP Homopolymer) product. It is available in Asia Pacific. Applications of Hyundai EP PPF HT144H include electrical/electronic applications and automotive.

Characteristics include:

- Homopolymer
- Impact Modified
- Scratch Resistant
- Wear Resistant

| General Information | | | |
|--|------------------------------------|-------------------|-------------|
| Additive | Impact Modifier | | |
| Features | Durable | | |
| | Homopolymer | | |
| | Impact Modified | | |
| | Scratch Resistant | | |
| Uses | Audio Tapes | | |
| | Automotive Instrument Panel | | |
| | Electrical/Electronic Applications | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.05 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 8.7 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 26.4 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 93 | % | ASTM D638 |
| Flexural Modulus | 2500 | MPa | ASTM D790 |
| Flexural Strength | 41.4 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| -30°C | 53 | J/m | |
| 23°C | 190 | J/m | |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 137 | °C | ASTM D648 |

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WECHAT