

TIPPLEN H 543 F

PP

MOL Petrochemicals Co. Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 4 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 1700 | MPa | ISO 527 |
| Yield stress | 38 | MPa | ISO 527 |
| Yield strain | 9 | % | ISO 527 |
| Flexural modulus, 23°C | 1650 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 5 | kJ/m ² | ISO 180/1A |
| Rockwell hardness | R 101 | - | ISO 2039-2 |

| Thermal properties | Value | Unit | Test Standard |
|--|------------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 120 | °C | ISO 75-1/-2 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|------------------|------|---------------|
| Melt temperature | 190 - 240 | °C | - |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|-------------------------------------|------------------|------|---------------|
| Melt temperature | 190 - 240 | °C | - |

Characteristics**Processing**

Injection Molding, Blown Film Extrusion, Film Extrusion, Sheet Extrusion, Thermoforming

Delivery form

Pellets

Features

Homopolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR, RoHS compliant

Applications

Electrical and Electronical, Packaging

Regional Availability

Europe