

TIPPLEN K 793

PP

MOL Petrochemicals Co. Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 0.7 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 1300 | MPa | ISO 527 |
| Yield stress | 30 | MPa | ISO 527 |
| Yield strain | 9 | % | ISO 527 |
| Flexural modulus, 23°C | 1450 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 50 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 7 | kJ/m ² | ISO 180/1A |
| Temperature | -20 | °C | - |
| Rockwell hardness | R 76 | - | ISO 2039-2 |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 115 | °C | ISO 75-1/-2 |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Melt temperature | 195 - 245 | °C | - |

Characteristics**Processing**

Film Extrusion, Pipe/Tube Extrusion, Sheet Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Copolymer, Impact Copolymer

Certifications

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

Applications

Electrical and Electronical

Regional Availability

Europe