

**Product Texts**

Homopolymer for fibres.

**Processing/Physical Characteristics**

|                      | Value | Unit    | Test Standard |
|----------------------|-------|---------|---------------|
| <b>ISO Data</b>      |       |         |               |
| Melt flow index, MFI | 4.2   | g/10min | ISO 1133      |
| Temperature          | 230   | °C      | -             |
| Load                 | 2.16  | kg      | -             |

**Mechanical properties**

|                                     | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Tensile Modulus                     | 1650  | MPa               | ISO 527       |
| Yield stress                        | 37    | MPa               | ISO 527       |
| Yield strain                        | 9     | %                 | ISO 527       |
| Flexural modulus, 23°C              | 1600  | MPa               | ISO 178       |
| Izod notched impact strength, +23°C | 5     | kJ/m <sup>2</sup> | ISO 180/1A    |
| Rockwell hardness                   | R 99  | -                 | ISO 2039-2    |

**Thermal properties**

|  | Value | Unit | Test Standard |
|--|-------|------|---------------|
| <b>ISO Data</b>                          |       |      |               |
| Temp. of deflection under load, 0.45 MPa | 110   | °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, Fiber Extrusion, Film Extrusion, Sheet Extrusion

**Delivery form**

Pellets

**Special Characteristics**

U.V. stabilized or stable to weather

**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, Monofilament

**Regional Availability**

Europe