

PolyOne Maxxam™ FR PP 307 Polypropylene, Unspecified (PP, Unspecified)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PP-307-Polypropylene-Unspecified-PP-Unspecified.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|--|--|-------------------------|
| Specific Gravity | 1.02 g/cc | 1.02 g/cc | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.010 - 0.020 cm/cm | 0.010 - 0.020 in/in | ASTM D955 |
| Melt Flow | 2.3 g/10 min @Load 2.16 kg, Temperature 230 °C | 2.3 g/10 min @Load 4.76 lb, Temperature 446 °F | Procedure A; ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|--|--|------------------------------|
| Tensile Strength, Yield | 25.5 MPa | 3700 psi | Type I, 51 mm/min; ASTM D638 |
| Elongation at Break | 100 % | 100 % | Type I, 51 mm/min; ASTM D638 |
| Flexural Strength | 33.1 MPa | 4800 psi | ASTM D790 |
| Flexural Modulus | 1.00 GPa | 145 ksi | ASTM D790 |
| Izod Impact, Notched | 0.800 J/cm @Thickness 3.18 mm, Temperature 23.0 °C | 1.50 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F | Injection Molded; ASTM D256A |

| Thermal Properties | Metric | English | Comments |
|---|-------------------------------|--------------------------------|---------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 85.0 °C @Thickness 1.57 mm | 185 °F @Thickness 0.0618 in | Annealed; ASTM D648 |
| Flammability, UL94 | V-0 | V-0 | UL 94 |

| Descriptive Properties | Value | Comments |
|------------------------|---|----------|
| Features | Flame Retardant Medium Impact Resistance | |
| Forms | Pellets | |
| Generic Material | PP, Unspecified | |

| Generic Name Descriptive Properties | Polypropylene, Unspecified (PP, Unspecified) Value | Comments |
|--|---|----------|
| Regional Availability | Africa & Middle East | |
| | Asia Pacific | |
| | Europe | |
| | North America | |
| | South America | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China