

Total PPH 3847MR Polypropylene, Radiation Resistant - Clarified - High Flow for Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

TOTAL Petrochemicals Polypropylene 3847MR offers good processability, excellent clarity, good toughness and good resistance to typical levels of gamma radiation used to sterilize polypropylene. Easy Flow TOTAL Polypropylene 3847MR exhibits exceptionally easy flow characteristics. Recommended Applications. TOTAL Polypropylene 3847MR is recommended for injection molding laboratory and medical applications; however, due to its unique combination of properties, other applications may exist. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-3847MR-Polypropylene-Radiation-Resistant-Clarified-High-Flow-for-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	45 g/10 min	45 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	0.300 J/cm	0.562 ft-lb/in	ASTM D256A
Izod Impact, Unnotched	NB	NB	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	157 °C	315 °F	DSC

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