

Total PPH M3382MZ Homopolymer Polypropylene, Clarified Metallocene Sheet Extrusion and Thermoforming Resin

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Sheet/Thermoforming Grade

Material Notes:

Clarity. TOTAL Polypropylene M3382MZ produces thermoformed parts with superior clarity, gloss and excellent side wall stiffness. Recommended Applications. TOTAL Polypropylene M3382MZ is ideal for deli containers, drinking cups, lids, domes and food service trays when high clarity and stiffness are important. High Purity. TOTAL Polypropylene M3382MZ features minimum extractables and optimum thermal stability for superior color and processability. FDA. TOTAL Polypropylene M3382MZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-M3382MZ-Homopolymer-Polypropylene-Clarified-Metallocene-Sheet-Extrusion-and-Thermoforming-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ISO 1183
Melt Flow	3.2 g/10 min	3.2 g/10 min	ASTM D1238, L

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Elongation at Yield	>= 65 %	>= 65 %	ASTM D638
Flexural Modulus	1.49 GPa	216 ksi	ASTM D790
Izod Impact, Notched	0.587 J/cm	1.10 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	153 °C	307 °F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	97.0 °C	207 °F	ASTM D648

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