

Iran Petrochemical (PCC) Moplen EP-T30 U Polypropylene

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

Material Notes:

Moplen EP-T30 U is a heterophasic copolymer for injection moulding applications. Moplen EP-T30 U combines outstanding processability with extremely high impact Resistance. Moplen EP-T 30 U is designed for applications where very high toughness is a primary requirement. Applications: injection molding boxes, containers, pallets, crates, pails, bitumen modification and various compounding applications. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-Moplen-EP-T30-U-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	0.40 g/10 min	0.40 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ISO 868
Tensile Stress	22.0 MPa	3190 psi	ISO R527
Elongation at Yield	11 %	11 %	ISO R527
Flexural Modulus	0.950 GPa	138 ksi	ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	141 Â°C	286 Â°F	ISO 306/A
Heat Distortion Temperature	85.0 Â°C	185 Â°F	ISO 75/B

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