

Iran Petrochemical (PCC) EP-N31MA Polypropylene

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

Material Notes:

EP-N31MA is a high ultra fluidity heterophasic copolymer for thin walled injection molding the products offers a good stiffness impact balance. Applications: packaging, house ware and garden furniture, toy boxes, small containers, video boxes, margarine, tubes. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-EP-N31MA-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	100 g/10 min	100 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	ISO 868
Tensile Stress	30.0 MPa	4350 psi	ISO R527
Elongation at Yield	7.0 %	7.0 %	ISO R527
Flexural Modulus	1.50 GPa	218 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	150 Â°C	302 Â°F	ISO 306/A
Heat Distortion Temperature	105 Â°C	221 Â°F	ISO 75/B

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