

Iran Petrochemical (PCC) X 30 G Polypropylene

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

Material Notes:

X30G is for injection molding because of its good flow properties this grade offers easy processing and extruded items exhibit high stiffness. Applications: The grade is widely used for injection molding consumer goods such as feed containers, house wares, toys, garden furniture and parts for the automotive industry. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-X-30-G-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	9.0 g/10 min	9.0 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	71	71	ISO 868
Tensile Stress	34.0 MPa	4930 psi	ISO R527
Elongation at Yield	13 %	13 %	ISO R527
Flexural Modulus	1.50 GPa	218 ksi	ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m ²	1.90 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	155 °C	311 °F	ISO 306/A
Heat Distortion Temperature	115 °C	239 °F	ISO 75/B

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