

Iran Petrochemical (PCC) EP2C 37 F Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

EP2S 37 F offers good process ability, excellent clarity and gloss and exhibits very good heat weld ability. Applications: packaging of stationery, packaging of food stuffs, lamination. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-EP2C-37-F-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	6.0 g/10 min	6.0 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ISO 868
Tensile Stress	25.0 MPa	3630 psi	ISO R527
Elongation at Yield	14 %	14 %	ISO R527
Flexural Modulus	0.900 GPa	131 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	135 Â°C	275 Â°F	ISO 306/A
Heat Distortion Temperature	82.0 Â°C	180 Â°F	ISO 75/B

Optical Properties	Metric	English	Comments
Haze	1.8 %	1.8 %	MTM 17031
Gloss	85 %	85 %	MTM 17021

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