

Iran Petrochemical (PCC) Moplen Z 30 G Polypropylene

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

Material Notes:

Moplen Z 30 G is a high flow homopolymer for injection molding and compounding applications. Moplen Z 30 G exhibits a high stiffness and an outstanding processability for shorter cycle times and easy mold filling. The product is suitable for injection moulding applications such as thin-walled containers and other general purpose packaging items, toys, vacuum flasks, household and kitchen articles . Moplen Z 30 G also is an excellent polymer base for compounding and master batches. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 °C	25 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Stress	32.0 MPa	4640 psi	ASTM D638
Elongation at Yield	13 %	13 %	ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	ASTM D790
Izod Impact, Notched (ISO)	30.0 kJ/m ²	14.3 ft-lb/in ²	ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	152 °C	306 °F	ASTM D1525
Heat Distortion Temperature	94.0 °C	201 °F	ASTM D3012

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