

Iran Petrochemical (PCC) T 30 S Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade , Polypropylene, Fiber Grade

Material Notes:

T30S is a polypropylene homopolymer particularly suitable for the extrusion of sheet for thermoforming, film yarn and mono filament. Applications: T30S is designed for bags industrial fabrics and mates and is used for baler twines and ropes. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-T-30-S-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	3.2 g/10 min	3.2 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	1.45 GPa	210 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	155 Â°C	311 Â°F	ISO 306/A
Heat Distortion Temperature	110 Â°C	230 Â°F	ISO 75/B

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