

## Iran Petrochemical (PCC) Moplen EP-YS30RE Polypropylene

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

### Material Notes:

Moplen EP-YS30RE is a heterophasic polypropylene copolymer designed for extrusion applications where smooth processability and a good balance of mechanical properties are required. Moplen EP-YS30RE offers excellent processability and the final items show good stiffness and outstanding impact resistance, even at temperatures down to -20°C. Applications: sheet for thermoforming, corrugated board, blow molded bottles and containers for detergents. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-Moplen-EP-YS30RE-Polypropylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-Moplen-EP-YS30RE-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ISO 1183
Melt Flow	1.3 g/10 min	1.3 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ISO 868
Tensile Stress	27.0 MPa	3920 psi	ISO R527
Elongation at Yield	13 %	13 %	ISO R527
Flexural Modulus	1.10 GPa	160 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	151 °C	304 °F	ISO 306/A
Heat Distortion Temperature	88.0 °C @Pressure 0.460 MPa	190 °F @Pressure 66.7 psi	ISO 75/B

## Contact Songhan Plastic Technology Co.,Ltd.

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