

## Iran Petrochemical (PCC) EPD 60 R Polypropylene

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

### Material Notes:

EPD 60 R has a high molecular weight giving it superior toughness even at low temperature. It has excellent heat and detergent resistance. Applications: extrusion blow molding applications include tool boxes, auto motive arts suitcases and large containers. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-EPD-60-R-Polypropylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-EPD-60-R-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ISO 1183
Melt Flow	0.40 g/10 min	0.40 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ISO 868
Tensile Stress	26.0 MPa	3770 psi	ISO R527
Elongation at Yield	16 %	16 %	ISO R527
Flexural Modulus	1.05 GPa	152 ksi	ISO 178
Izod Impact, Notched (ISO)	6.50 kJ/m <sup>2</sup>	3.09 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	151 Å°C	304 Å°F	ISO 306/A
Heat Distortion Temperature	86.0 Å°C	187 Å°F	ISO 75/B

## Contact Songhan Plastic Technology Co.,Ltd.

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