

## Iran Petrochemical (PCC) Moplen EP1 X 35 AF Polypropylene

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

### Material Notes:

Moplen EP1 X 35 AF is a slightly modified random copolymer for the production of cast and water-quenched blown film. It is formulated with a slip and antiblock package and exhibits excellent antistatic properties. Applications: cast film and water quenched blown film, lamination. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-Moplen-EP1-X-35-AF-Polypropylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-Moplen-EP1-X-35-AF-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ISO 1183
Melt Flow	8.0 g/10 min	8.0 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	ISO 868
Tensile Stress	28.0 MPa	4060 psi	ISO R527
Elongation at Yield	14 %	14 %	ISO R527
Flexural Modulus	1.05 GPa	152 ksi	ISO 178
Izod Impact, Notched (ISO)	4.50 kJ/m <sup>2</sup>	2.14 ft-lb/in <sup>2</sup>	ISO 180

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