

INTRODUCTION OF PETROCHEMICAL PRODUCTS
POLYPROPYLENE - COPOLYMER (P.P)

Moplen EPC40R (R40)

PP COPOLYMER / SHAHZAND Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.92	g/cm ³	-----	ASTM D1505
MFI	7	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1350	MPa	-----	ASTM D790
Hardness, Rockwell R	86	-----	-----	ASTM D785
Izod Impact Strength, Notched	95	J/m	at 23°C	ASTM D256
Izod Impact Strength, Notched	40	J/m	at -20°C	ASTM D256
Tensile Elongation at Yield	12	%	-----	ASTM D638
Tensile Strength at Yield	27	MPa	-----	ASTM D638
Heat Deflection Temperature	75	°C	At 0.46 MPa	ASTM D648
Oven Aging	1000	h	At 150 °C	ASTM D3012
Vicat Softening Point	150	°C	10 N	ASTM D1525

- Manufacturer: Shazand Pet.co.
- Application: Bottle, medicine bottle, sheet, thermoforming sheet.
- Process: Injection molding.
- Features: Good processability, Good Surface Finish Products, Good toughness, Good stiffness, Food contact grade, Good thermal stability, Good chemical resistance, Good resistance to cracking.

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