



NAME: PP EP440L

Product Description:

PP EP440L is a medium flow hetero phasic polypropylene copolymer with improved mechanical properties balance. The product features high stiffness and outstanding impact strength at low temperatures and is specifically designed for injection molding applications. In comparison with conventional copolymers with the same MFR and same rigidity, "EP440L" exhibits 35% higher toughness. "EP440L" is suitable for a wide range of applications in the packaging, automotive and consumer goods industries.

Applications:

Packaging, automotive and consumer goods industries, Luggage, paint pails, buckets, containers, crates, batteries and large toys.

Typical data: (Table)

Property	Value	Units	Test Method
MFR (230°C, 2.16KG)	6	Gr/10 min	ASTM D 1238
Density	0,9	g/cm ³	ASTM D 1505
Flexural Modulus	1400	Mpa	ASTM D 790
Tensile Strength at Yield	26	Mpa	ASTM D 638
Tensile Elongation at Yield	9	%	ASTM D 638
Izod Impact Strength (notched) at 23 °C	170	J/m	ASTM D 256
Izod Impact Strength (notched) at -20 °C	70	J/m	ASTM D 256
Shore Hardness (Shore D)	68	-	ISO 868
Vicat softening point (10N)	152	°C	ASTM D 1525
H.D.T. (0.46 Mpa)	95	°C	ASTM D 648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D 3012