

Technical Data Sheet

PP EP440L

EP440L is a medium flow heterophasic 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 application.

Application:

- Packing automotive and consumer goods industries
- Luggage, Paint Pails, Buckets
- Containers, Crates, batteries and large toys.

Properties	Value	Unit	Test Method
Melt Flow Rate(230°C,2.16 Kg)	6.0	g/10 min	ASTM D 1238
Density	0.9	g/cm3	ASTM D 1505
Flexura Modulus	1400	Mpa	ASTM D 790
Tensile Strength at yield	26	Mpa	ASTM D 638
Tensile Strength at yield	9	%	ASTM D 638
Tensile Strength (notched)@ 23 °C	170	J/m	ASTM D 256
Tensile Strength (notched)@ -20 °C	70	J/m	ASTM D 256
Shore hardness (Shore D)	68	---	ASTM D 686
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