

Polypropylene EP 448R

Sub-group:

Heterophasic Copolymer

Description:

EP 448R is a high fluidity heterophasic copolymer with excellent balance of stiffness and impact.

Applications:

Injection Molding of thin parts, closures, appliances, toys.

Processing:

Injection Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	25

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus – 1% secant	D 790	MPa	1150
Tensile Strength at Yield	D 638	MPa	23
Tensile Elongation at Yield	D 638	%	5
Rockwell Hardness (R Scale)	D 785	-	67
Notched Izod Impact Strength at 23°C	D 256	J/m	130
Notched Izod Impact Strength at -20°C	D 256	J/m	80
Deflection Temperature under Load at 0.455 MPa	D 648	°C	97

a) Injection molded specimen according to ASTM D 4101.

