

Polypropylene EP 340N

Sub-group:

Heterophasic Copolymer

Description:

EP 340N is a medium fluidity heterophasic copolymer combined good impact strength, stiffness and easy processability.

Applications:

Injection Molding of thick parts like housewares, paint pails, buckets, containers, battery cases, toys.

Processing:

Injection Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	12

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.903
Flexural Modulus – 1% secant	D 790	MPa	950
Tensile Strength at Yield	D 638	MPa	22
Tensile Elongation at Yield	D 638	%	8
Rockwell Hardness (R Scale)	D 785	-	68
Notched Izod Impact Strength at 23°C	D 256	J/m	200
Notched Izod Impact Strength at -20°C	D 256	J/m	85
Deflection Temperature under Load at 0.455 MPa	D 648	°C	75
Vicat Softening Temperature at 10 N	D 1525	°C	129

a) Injection molded specimen according to ASTM D 4101. b) NB: non-break.

