

Polypropylene EP 200K

Sub-group:

Heterophasic Copolymer

Description:

EP 200K is a low fluidity heterophasic copolymer with good impact properties, even at low temperatures.

Applications:

Injection Molding of thick parts, containers, closures, battery cases. SPC in general.

Processing: Injection Molding SPC

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	3.5

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.895
Flexural Modulus – 1% secant	D 790	MPa	1000
Tensile Strength at Yield	D 638	MPa	22
Tensile Elongation at Yield	D 638	%	7
Rockwell Hardness (R Scale)	D 785	-	66
Notched Izod Impact Strength at 23°C	D 256	J/m	NBb
Notched Izod Impact Strength at -20°C	D 256	J/m	70
Deflection Temperature under Load at 0.455 MPa	D 648	°C	86

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

