

Polypropylene CP 202XP

Sub-group:

Heterophasic Copolymer

Description:

CP 202XP is a high melt flow rate heterophasic copolymer designed to achieve parts with high stiffness and impact strength resistance, low warpage and excellent surface appearance.

Applications:

Household appliances; High stiffness parts; Compounds

Processing:

Injection Moulding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	26

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus – 1% secant	D 790	MPa	1500
Tensile Strength at Yield	D 638	MPa	32
Tensile Elongation at Yield	D 638	%	6
Rockwell Hardness (R Scale)	D 785	-	98
Notched Izod Impact Strength at 23°C	D 256	J/m	55
Notched Izod Impact Strength at -20°C	D 256	J/m	25
Deflection Temperature under Load at 0.455 MPa	D 648	°C	121
Deflection Temperature under Load at 1.820 MPa	D 648	°C	65
Vicat Softening Temperature at 10 N	D 1525	°C	155

a) Injection molded specimen according to ASTM D 4101.

