

Polypropylene CP 191XP**Sub-group:**

Heterophasic Copolymer

Description:

CP 191XP is an ultra high melt flow rate heterophasic copolymer designed for the latest equipment, this resin enables high productivity in fast cycle injection of thin-walled parts maintaining high rigidity and impact resistance at low temperatures and more robust exchange of pigments.

Applications:

Packages for ice cream bowls, compounds.

Processing:

Injection Moulding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	82

Typical Properties^{a)}:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.895
Flexural Modulus – 1% secant	D 790	MPa	950
Tensile Strength at Yield	D 638	MPa	20
Tensile Elongation at Yield	D 638	%	5
Rockwell Hardness (R Scale)	D 785	-	55
Notched Izod Impact Strength at 23°C	D 256	J/m	140
Notched Izod Impact Strength at -20°C	D 256	J/m	65
Deflection Temperature under Load at 0.455 MPa	D 648	°C	105

a) Injection molded specimen according to ASTM D 4101.

