

Polypropylene CP 295

Sub-group:

Heterophasic Copolymer

Description:

CP 295 is a heterophasic polypropylene copolymer with high melt flow rate and very high impact strength. This resin is suitable for applications requiring excellent mechanical properties.

Applications:

Injection parts requiring high impact resistance; compounds

Processing:

Injection Moulding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	20

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.895
Flexural Modulus – 1% secant	D 790	MPa	750
Tensile Strength at Yield	D 638	MPa	18
Tensile Elongation at Yield	D 638	%	6
Rockwell Hardness (R Scale)	D 785	-	46
Notched Izod Impact Strength at 23°C	D 256	J/m	NB ^b
Notched Izod Impact Strength at -20°C	D 256	J/m	100

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

