

Polypropylene CP 496

Sub-group:

Heterophasic Copolymer

Description:

CP 496 is a heterophasic polypropylene copolymer with a medium melt flow rate and very high impact strength. This resin is suitable for applications requiring excellent toughness.

Applications:

Compounds

Processing:

Injection Moulding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	7.5

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.895
Flexural Modulus – 1% secant	D 790	MPa	700
Tensile Strength at Yield	D 638	MPa	16
Tensile Elongation at Yield	D 638	%	7
Rockwell Hardness (R Scale)	D 785	-	29
Notched Izod Impact Strength at 23°C	D 256	J/m	NB ^b
Notched Izod Impact Strength at -20°C	D 256	J/m	NB ^b

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

