

Polypropylene CP 270R

Sub-group:

Heterophasic Copolymer

Description:

CP 270R is an ethene and propene heterophasic copolymer specially designed for injection molding of pails and containers with excellent stiffness/impact strength balance. This resin also exhibits excellent productivity and processability.

Applications:

Injection with good mechanical strength; Household; Industrial Pails.

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	0,900
Flexural Modulus – 1% secant	D 790	MPa	1200
Tensile Strength at Yield	D638	MPa	26
Tensile Elongation at Yield	D638	%	6
Rockwell Hardness	D785	-	65
Notched Izod Impact Strength at 23°C	D 256	J/m	250
Notched Izod Impact Strength at -20°C	D 256	J/m	55
Deflection Temperature under Load at 0,455 MPa	D648	°C	108

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

