

Polypropylene CP 241

Sub-group:

Heterophasic Copolymer

Description:

CP 241 is a high melt flow rate heterophasic copolymer used for general purposes. This product offers excellent processability, easy mould filling, productivity as well as good stiffness/impact strength balance.

Applications:

Housewares; Household Appliances; Twisted closures.

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	900
Tensile Strength at Yield	D 638	MPa	22
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	9
Notched Izod Impact Strength at 23°C	D 256	J/m	120
Notched Izod Impact Strength at -20°C	D 256	J/m	35
Deflection Temperature under Load at 0.455 MPa	D 648	°C	84
Deflection Temperature under Load at 1.820 MPa	D 648	°C	53
Vicat Softening Temperature at 10 N	D 1525	°C	145

a) Injection molded specimen according to ASTM D 4101.

