

Polypropylene CP 144

Sub-group:

Heterophasic Copolymer

Description:

CP 144 is a high melt flow rate heterophasic copolymer designed to extrusion coating. This product exhibits very good processability and good melt stability.

Applications:

Waterproofing of raffia bags with greater puncture resistance.

Processing:

Extrusion Coating

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	47

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus – 1% secant	D 790	MPa	1000
Tensile Strength at Yield	D 638	MPa	23
Tensile Elongation at Yield	D 638	%	6
Rockwell Hardness (R Scale)	D 785	-	81
Notched Izod Impact Strength at 23°C	D 256	J/m	100
Notched Izod Impact Strength at -20°C	D 256	J/m	35
Deflection Temperature under Load at 0.455 MPa	D 648	°C	90
Deflection Temperature under Load at 1.820 MPa	D 648	°C	50
Vicat Softening Temperature at 10 N	D 1525	°C	146

a) Injection molded specimen according to ASTM D 4101.

