

Polypropylene H 107

Sub-group:

Homopolymer

Description:

H 107 is a ultra-high melt flow rate additivated homopolymer used for general purposes. Designed for extrusion coating. This product exhibits excellent processability, good melt stability, as well as good transparency and gloss

Applications:

Injection of thin wall pieces; Compounds; Waterproofing of raffia bags or big-bag.

Processing:

Injection Moulding

Extrusion Coating

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	80

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus – 1% secant	D 790	MPa	1550
Tensile Strength at Yield	D 638	MPa	38
Tensile Elongation at Yield	D 638	%	8
Rockwell Hardness (R Scale)	D 785	-	106
Notched Izod Impact Strength at 23°C	D 256	J/m	20
Deflection Temperature under Load at 0.455 MPa	D 648	°C	110
Deflection Temperature under Load at 1.820 MPa	D 648	°C	57
Vicat Softening Temperature at 10 N	D 1525	°C	153

a) Injection molded specimen according to ASTM D 4101.

