

Polypropylene PH 0130

Sub-group:

Homopolymer

Description:

PH 0130 is a low melt flow rate additivated homopolymer used for general purposes. This resin is designed for blow moulding and extrusion. PH 0130 features excellent processability and stiffness/impact strength balance.

Applications:

Bottles for mineral water, juices, cosmetics and general uses; Ropes; flat and corrugated sheets, profiles, tear tape, tapes in general

Processing:

Blow Moulding

Extrusion

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	1.2

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus – 1% secant	D 790	MPa	1300
Tensile Strength at Yield	D 638	MPa	36
Tensile Elongation at Yield	D 638	%	10
Rockwell Hardness (R Scale)	D 785	-	98
Notched Izod Impact Strength at 23°C	D 256	J/m	45
Deflection Temperature under Load at 0.455 MPa	D 648	°C	92
Vicat Softening Temperature at 10 N	D 1525	°C	156

a) Injection molded specimen according to ASTM D 4101.

