

Polypropylene H 203

Sub-group:

Homopolymer

Description:

H 203 is a high melt flow rate additivated homopolymer used for general purposes. This product exhibits excellent processability and good stiffness/impact strength balance. It also features low taste/odor transfer.

Applications:

Injection of electric portables and household appliances; Injected chest drawers and closets.

Processing:

Injection Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10	20

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	35
Tensile Elongation at Yield	D 638	%	11
Rockwell Hardness (R Scale)	D 785	-	97
Notched Izod Impact Strength at 23°C	D 256	J/m	30
Deflection Temperature under Load at 0.455 MPa	D 648	°C	95
Deflection Temperature under Load at 1.820 MPa	D 648	°C	56
Vicat Softening Temperature at 10 N	D 1525	°C	152

a) Injection molded specimen according to ASTM D 4101.

