

Polypropylene HP 648S

Sub-group:

Homopolymer

Description:

HP 648S is an extra high fluidity homopolymer, with controlled rheology and nucleating agent.

Applications:

Appliances injection; Caps; Thin wall packaging; Housewares thin wall.

Processing:

Injection Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	40

Typical Properties^{a)}:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus – 1% secant	D 790	MPa	1400
Tensile Strength at Yield	D 638	MPa	37
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	103
Notched Izod Impact Strength at 23°C	D 256	J/m	20
Deflection Temperature under Load at 0.455 MPa	D 648	°C	110

a) Injection molded specimen according to ASTM D 4101.

