

Polypropylene HP 648S**Description:**

Homopolymer

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

Applications:

Caps, Home appliances, Thin wall houseware, Thin wall packaging

Processes:

Injection Molding

Control Properties

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

Typical Properties^a

Feature	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.

