

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)	1133	g/10 min	40

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.905
Flexural Modulus	178	MPa	1550
Tensile Strength at Yield	527-1	MPa	34
Tensile Elongation at Yield	527-1	%	9
Rockwell Hardness (R Scale)	2039-2	-	103
Notched Izod Impact Strength at 23°C	180	kJ/m ²	2.2
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	102

a) Injection molded specimen according to ISO 294.

Final Remarks

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9003-07-0.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.

