



100-GB25S

Provisional Product Technical Information

Polypropylene - Homopolymer

Applications

100-GB25S is a narrow molecular weight homopolymer polypropylene intended for injection moulding applications. As a result of its high flow properties it is particularly recommended for high speed moulding in multi-cavity tooling

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	25	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1200	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	32	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.2	KJ/m2
Charpy Impact Strength, notched	23°C	ISO 179/A	2.4	KJ/m2
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	102	°C
Data should not be used for specification work				

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.