100-HR25

Product Technical Information
Polypropylene-Homopolymer

Benefits & Features
100-HR25 is a nucleated and antistatic homopolymer for the fast production of thin-walled injection-moulded articles. **100-HR25** is a controlled rheology quality featuring high crystallinity, giving excellent stiffness and good heat resistance.

- Controlled crystallinity (with a nucleating agent)
- Controlled rheology
- High stiffness

Applications

- Thin walled injection moulding
- Caps and closures
- Technical & electronic parts

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	25	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1800	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	38	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.3	kJ/m2
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	2.3	kJ/m2
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	126	°C
Vicat Softening Temperature	10N	ISO306/A50	155	°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.