

HP483R

Homopolymer

Description:

HP483R is a homopolymer for injection molding with antistatic and slip agent additivation that exhibits good stiffness combined with flowability. The main applications of HP483R are caps, closures, furniture and TWIM.

Typical Applications

- TWIM
- Furniture
- Caps and Closures
- Housewares
- Opaque Containers

Features: Good Flow, Good stiffness, Antistatic properties, Unspecified Slip, Homopolymer

Suitable for: Injection molding (TWIM) applications

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	27	g/10 min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Tensile Modulus	1400	MPa	ISO 527-1, -2
Tensile Strength at Yield	32	MPa	ISO 527-1, -2
Tensile Elongation at Break	>50	%	ISO 527-1, -2
Tensile Elongation at Yield	9	%	ISO 527-1, -2
Charpy impact strength (Notch A) 23 °C	2	kJ/m ²	ISO 179
Ball indentation hardness (H 358/30)	68	MPa	ISO 2039-1
Vicat softening point A50	151	°C	ISO 306
H.D.T. B (0.45 MPa)	80	°C	ISO 75B-1, -2

* Typical values; not to be considered as product specification.