Borealis PP HE125MO

Polypropylene Homopolymer

Borealis AG

Message:

HE125MO is a polypropylene homopolymer intended for injection moulding. This grade is characterized by good flow properties and high stiffness in and is specially suitable for high-speed injection moulding of articles demanding easy flow.
Its very good organoleptic properties allows this grade to be used with any masterbatch without discoloring problems.

General Information			
Features	Fast Molding Cycle Good Color Stability Good Flow Good Organoleptic Properties High Stiffness Homopolymer		
Uses	Household Goods Thin-walled Packaging		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.908	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	100		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1550	MPa	ISO 527-2/1
Tensile Stress (Yield)	34.5	MPa	ISO 527-2/50
Tensile Strain (Yield)	9.0	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	3.5	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature [1] (0.45 MPa, Unannealed)	88.0	°C	ISO 75-2/B
Injection	**Nominal Value**	**Unit**	
Processing (Melt) Temp	220 to 260	°C	
Mold Temperature	20.0 to 40.0	°C	
Injection Rate	Fast		

Holding Pressure	20.0 to 50.0	MPa

NOTE	
1.	Injection molded specimen

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China