MBA PP 2172

Polypropylene Copolymer

MBA Polymers

Message:

A post-consumer recycled polypropylene copolymer with a high melt flow rate for injection moulding applications. Available in standard black (reference 90/04).

General Information	
Recycled Content	Yes
Features	Copolymer High liquidity
Appearance	Black
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm³	Internal method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	900	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	8.0	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	49.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	136	°C	ISO 306/A50
--	58.0	°C	ISO 306/B50
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0	°C	
Drying Time	1.0 - 2.0	hr	
Suggested Max Moisture	0.050 - 0.10	%	
Processing (Melt) Temp	190 - 220	°C	
Mold Temperature	30.0 - 60.0	°C	
Extrusion	**Nominal Value**	**Unit**	
Drying Temperature	80.0	°C	
Drying Time	1.0 - 2.0	hr	

Suggested Max Moisture	0.050 - 0.10	%
Melt Temperature	180 - 200	°C

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