

Megalon® 122C

Polyamide 66

Mega Polymers

Message:

Megalon® 122C is a mineral, glass fiber reinforced polyamide 6/6 resin for injection molding.

General Information			
Filler / Reinforcement	Glass\Mineral		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.60 to 1.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2
Tensile Stress	130	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	6500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	255	°C	ISO 75-2/A
Melting Temperature	263	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature	180	°C	
Suggested Max Moisture	< 0.12	%	
Processing (Melt) Temp	280 to 310	°C	
Mold Temperature	70.0 to 120	°C	

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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



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