Latimass 53-04 D009

Polypropylene Homopolymer

LATI S.p.A.

Message:

Specific density compound based on Polypropylene homopolymer (PPh), toughened.

General Information	
Additive	Impact Modifier
Features	Homopolymer
	Impact Modified

Physical	Nominal Value	Unit	Test Method
Density	0.850	g/cm³	ISO 1183
Molding Shrinkage [1]			ISO 294-4
Across Flow : 2.00 mm	1.3 to 1.6	%	
Flow : 2.00 mm	1.3 to 1.6	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	900	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	8.00	MPa	
Break, 23°C	8.00	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	6.0	%	
Break, 23°C	55	%	
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	160	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	55.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	40.0	°C	ISO 75-2/A
Vicat Softening Temperature	50.0	°C	ISO 306/B50
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 to 240	°C	
Mold Temperature	40.0 to 60.0	°C	
Injection Rate	Moderate		
NOTE			

1.	at 60 Mpa of cavity pressure

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