

OMIKRON XLT 50 NAT

Polypropylene Copolymer
TECNOPOL

Message:
PP COPOLYMER, 20% TALCUM, NATURAL

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Copolymer		
Appearance	Available colors		
	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	8.0	kJ/m ²	ISO 180
Aging	Nominal Value	Unit	Test Method
Accelerated Aging (150°C)	> 6.3	day	Internal method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	70.0	°C	ISO 306/B
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	FMVSS 302
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	220 - 260	°C	
Middle Temperature	220 - 260	°C	
Front Temperature	220 - 260	°C	
Mold Temperature	40.0 - 60.0	°C	
Injection Pressure	9.00 - 11.0	MPa	
Injection Rate	Moderate		

Back Pressure	0.500 - 1.00	MPa
Injection instructions		

Post Pressure: 60 - 80 bar

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT