

OMIKRON KM 508 NERO

Polypropylene Homopolymer
TECNOPOL

Message:

PP HOMOPOLYMER, 20% TALCUM, HEAT STABILIZED,BLACK

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Additive	heat stabilizer		
Features	Homopolymer		
	Thermal Stability		
Appearance	Black		
	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Break)	25	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	3.5	kJ/m ²	ISO 180
Aging	Nominal Value	Unit	Test Method
Accelerated Aging (150°C)	> 700.0	hr	Internal method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°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	90.0	°C	
Drying Time	2.0	hr	
Rear Temperature	220 - 250	°C	
Middle Temperature	220 - 250	°C	
Front Temperature	220 - 250	°C	

Mold Temperature	40.0 - 60.0	°C
Injection Pressure	90.0 - 110	MPa
Injection Rate	Moderate	
Back Pressure	5.00 - 10.0	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

