

OMIKRON BG 902 NERO

Polypropylene Homopolymer
TECNOPOL

Message:

PP HOMOPOLYMER, 40% GLASS FIBERS CHEMICALLY COUPLED, BLACK

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Features	Chemical coupling		
	Homopolymer		
Appearance	Black		
	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	93.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	7200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	11	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)	147	°C	ISO 75-2/A
Vicat Softening Temperature	135	°C	ISO 306/B
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	VW TL1010
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°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

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Recommended distributors for this material

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