

# TECHNOGRAN® PPO GF FR BLK

Polyolefin  
Eurocompound Polymers

Message:

TECHNOGRAN® PPO GF FR BLK is a Polyolefin material filled with glass fiber. It is available in Europe for injection molding.  
Important attributes of TECHNOGRAN® PPO GF FR BLK are:  
Flame Retardant  
Good Processability

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.25 to 1.33	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (280°C/5.0 kg)	2.0 to 8.0	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Ash Content	10 to 20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3860 to 4660	MPa	ISO 527-2
Tensile Stress (Break)	57.0 to 67.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0 to 4.0	%	ISO 527-2
Flexural Modulus	2670 to 3270	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	24 to 34	kJ/m²	ISO 179

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Recommended distributors for this material

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