

EcoLon® MRGF3013-BK1

Polyamide 66/6 Copolymer

Wellman Engineering Resins

Message:

EcoLon® MRGF3013-BK1 is a Polyamide 66/6 Copolymer (Nylon 66/6) material filled with 28% glass\mineral. It is available in Asia Pacific, Europe, Latin America, or North America.

Typical application of EcoLon® MRGF3013-BK1: Automotive

General Information			
Filler / Reinforcement	Glass\Mineral,28% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.0 to 1.2	%	
Flow	0.48 to 0.61	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	107	MPa	ISO 527-2
Tensile Strain (Break)	2.3	%	ISO 527-2
Flexural Modulus	6320	MPa	ISO 178
Flexural Stress	165	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	217	°C	ISO 75-2/A
Melting Temperature	261	°C	ISO 3146

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Recommended distributors for this material

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