

DOMAMID® 66G30V0EF

Polyamide 66

DOMO Engineering Plastics SPA

Message:

Polyamide 66, 30% glass fibre reinforced, flame retardant, halogen and red phosphorous free, for injection moulding.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	Low (to None) Phosphorus Content		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183
Water Absorption (Saturation, 23°C)	4.5	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2/1
Tensile Stress (Break)	125	MPa	ISO 527-2/5
Tensile Strain (Break)	2.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	7.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	250	°C	ISO 75-2/B
1.8 MPa, Unannealed	235	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B50
Melting Temperature	258 to 262	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	FMVSS 302
Flame Rating (0.800 mm)	V-0		UL 94
Glow Wire Flammability Index (1.00 to 3.00 mm)	960	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Drying Temperature	75.0 to 85.0	°C
Drying Time	4.0 to 6.0	hr
Processing (Melt) Temp	260 to 290	°C
Mold Temperature	90.0	°C

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

