

Witcom PA6 6G-AS-X

Polyamide 6

Witcom Engineering Plastics B.V.

Message:

Meets ATEX-regulations

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Antistatic		
Features	Antistatic		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	0.20 to 0.40	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 125	MPa	ISO 527-2
Tensile Strain (Break)	3.0 to 5.0	%	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Flexural Stress	135	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	16	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength	95	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	195	°C	ISO 75-2/A
CLTE - Flow	3.0E-5	cm/cm/°C	ISO 11359-2
RTI Imp (3.00 mm)	95.0	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+9	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		ISO 1210

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