

Witcom PA6/6G-AS-X

PA6-GF30

Wittenburg B.V.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	125	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	6000	MPa	ISO 178
Flexural strength	135	MPa	ISO 178
Izod impact strength, +23°C	95	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	16	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	195	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E9	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1380	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Anti-static

Regional Availability

Europe