KuibyshevAzot
古比雪夫氮（上海）工程塑料有限公司

Technical data sheet

Volgamid® PA6G30TNC202

30%玻纤增强增韧尼龙 6
30%glass fiber reinforced PA6 with flexibilizer

项目 Item	典型性能 Typical Characteristic 值 Value	单位 Unit	测试标准 Testing Standard
机械性能 Mechanical Properties			
拉伸强度 Tensile Strength	170	MPa	ISO527, 50mm/min
断裂伸长率 Elongation at break	2	%	ISO527, 50mm/min
弯曲强度 Flexural Strength	235	MPa	ISO178, 2mm/min
弯曲模量 Flexural Modulus	8000	MPa	ISO178, 2mm/min
简支梁缺口冲击强度 Charpy Impact notched	25.5	KJ/m^2	ISO179/1eA
简支梁无缺口冲击强度 Charpy Impact unnotched	NB	KJ/m^2	ISO179/1eU
洛氏硬度 Rockwell Hardness			ISO2039/2
热性能 Thermal Properties			
热变形温度 Temp. of deflection under load (0.45MPa)		℃	ISO75
热变形温度 Temp. of deflection under load (1.80MPa)	220	℃	ISO75
熔点 Melting Point	220	℃	ISO3146C
电性能 Electrical Properties			
体积电阻率 Volume Resistant		ohm*m	IEC60093
表面电阻率 Surface Resistant		ohm	IEC60093
介电强度 Dielectric Strength		KV/mm	IEC 60243-1
电痕化指数 Comp Track Index		V	IEC 60112
其它 Others			
密度 Specific Gravity	1.33	g/cm^3	ISO1183
灰分 Ash Content	30±2	%	ISO3451-4
吸水率 Water Absorption	1.5	%	ISO62
模塑收缩率 Mold Shrinkage	0.3/0.8	%	ISO294-4
燃烧性能			
UL 垂直燃烧 Flammability	HB	mm/Class	UL-94
灼热丝可燃指数 Glow-wire Flammability Index		mm/℃	IEC 60695-2-12

Disclaimer：Unless specified to the contrary, the value given have been established on standardized test specimens at room temperature.The figures should be regarded as guide values only and not as binding minimum value. Kindly note that, under certain conditions, the properties can be affected to a considerable extent by the design of the mould/die, the processing conditions and the colouring.