

	Unit	Test Method	Values
Mechanical propertie 机械性质			
Izod Impact (Notched) 冲击强度	kJ/m ²	ISO 179/1eA	35
Tensile Strength 拉伸强度	MPa	ASTM D638	175
Nominal Tensile Strain at Break 拉伸率	%	ASTM D638	2
Flexural Strength 弯曲强度	MPa	ISO 178	220
Flexural Modulus 弯曲模量	MPa	ISO 178	15,000
Rockwell hardness 洛氏硬度	M (Scale)	ISO2039-2	80
Thermal properties 热性质			
Heat Deflection Temperature 热变形温度(1.8MPa)	°C	ISO 75-1, 2	280
Heat Deflection Temperature 热变形温度(0.45MPa)	°C	ISO 75-1, 2	290
Flammability 防火性	-	UL94	V0
Electrical properties 电气性质			
Dielectric Strength 绝缘破坏强度	kV/mm	IEC 60243-1	24
Dielectric Constant 介电常数	-	IEC 60250	4.3
Volume Resistivity 体积电阻率	Ω·cm	IEC 60093	9 × 10 ¹⁵
Other properties 其它性质			
Specific Gravity 密度	g/cm ³	ISO 1183	1.61
Water Absorption 吸水率	%	ISO 62	0.03
Mold Shrinkage(Flow) 成形收缩率(流动方向)	%	-	0.17
Mold Shrinkage(Cross Flow) 成形收缩率(垂直方向)	%	-	0.54
Glass fiber content 玻纤含量	%	-	30
Colour 颜色			Natural, Black
Injection Molding 成型条件			
DRYING 干燥	-	-	2 HR × 140 (°C) 4 HR × 120 (°C) 6 HR × 100 (°C)
BARREL TEMPERATURE 成型温度	°C	-	350

The above values are representative test values of materials, not the lowest values of materials of this specification
 以上数值为材料的代表性测试值、并非该规格材料的最低值。

This document is prepared based on the experience and experimental data accumulated by the company. The data shown are not fully applicable under different conditions, so the customer is requested to make a final judgment when quoting.
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