

	Unit	Test Method	Values
<b>Mechanical propertie 机械性质</b>			
Izod Impact (Notched) 冲击强度	J/m <sup>2</sup>	ISO 179/1eA	10
Tensile Strength 拉伸强度	MPa	ASTM D638	52
Nominal Tensile Strain at Break 拉伸率	%	ASTM D638	15
Flexural Strength 弯曲强度	MPa	ISO 178	65
Flexural Modulus 弯曲模量	MPa	ISO 178	1700
Rockwell hardness 洛氏硬度	M (Scale)	ISO2039-2	100
<b>Thermal properties 热性质</b>			
Heat Deflection Temperature 热变形温度(1.8MPa)	°C	ISO 75-1, 2	85
Flammability 防火性	-	UL94	V0
<b>Electrical properties 电气性质</b>			
Dielectric Strength 绝缘破坏强度	kV/mm	IEC 60243-1	30
Dielectric Constant 介电常数	-	IEC 60250	3.4
Volume Resistivity 体积电阻率	Ω·cm	IEC 60093	10E+16
<b>Other properties 其它性质</b>			
Specific Gravity 密度	g/cm <sup>3</sup>	ISO 1183	1.16
Water Absorption 吸水率	%	ISO 62	2.0
Mold Shrinkage (Flow) 成形收缩率(流动方向)	%	-	0.9
Mold Shrinkage (Cross Flow) 成形收缩率(垂直方向)	%	-	1.1
Glass fiber content 玻纤含量	%	-	33
Colour 颜色			Natural, Black
<b>Injection Molding 成型条件</b>			
DRYING 干燥	-	-	6 HR ×80 (°C)
BARREL TEMPERATURE 成型温度	°C	-	265

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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