

**SHINITE®****PBT****ENGINEERING PLASTIC DIVISION****SHINKONG INDUSTRY (HANGZHOU) CO., LTD.**

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**Technical Data****SHINITE®****D201G20BK**

GF Grade / 玻纤强化级: DH5053

		Unit	Test Method		Values
<b>Mechanical properties</b>	<b>机械性质</b>				
Izod Impact(Notched)	冲击强度	Kg-cm/cm	ASTM	D256	6.5
Tensile Strength	拉伸强度	Kg/cm <sup>2</sup>	ASTM	D638	1050
Elongation	拉伸率	%	ASTM	D638	3.5
Flexural Strength	弯曲强度	Kg/cm <sup>2</sup>	ASTM	D790	1700
Flexural Modulus	弯曲模数	Kg/cm <sup>2</sup>	ASTM	D790	64070
<b>Thermal properties</b>	<b>热 性 质</b>				
Heat Deflection Temperature	热变形温度		ASTM	D648	
66psi		°C			-
264psi		°C			205
Flammability	防火性	-	UL94		HB
Melting Point	熔点	°C	DSC		223
<b>Electrical properties</b>	<b>电气性质</b>				
Dielectric Strength	介电强度	KV/MM	ASTM	D149	15
Dielectric Constant	介电常数	...	ASTM	D150	3
Volume Resistivity	体积电阻	Ω -CM	ASTM	D257	1.00E+16
<b>Other properties</b>	<b>其它性质</b>				
Specific Gravity	比重	-	ASTM	D792	1.45
Water Absorption	吸水率	%	ASTM	D570	0.07
Mold Shrinkage	成形收缩率		ASTM	D955	
Flow	流动方向	%			0.3~0.5
Cross Flow	垂直方向	%			0.5~0.9

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