

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

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Technical Data**SHINITE®
D201G30BK**

GF Grade 玻纤强化级：DH5052

		Unit	Test Method		Values
Mechanical properties	机械性质				
Izod Impact(Notched)	冲击强度	Kg-cm/cm	ASTM	D256	8.5
Tensile Strength	拉伸强度	Kg/cm ²	ASTM	D638	1250
Elongation	拉伸率	%	ASTM	D638	3.2
Flexural Strength	弯曲强度	Kg/cm ²	ASTM	D790	2070
Flexural Modulus	弯曲模数	Kg/cm ²	ASTM	D790	90050
Thermal properties	热 性 质				
Heat Deflection Temperature	热变形温度		ASTM	D648	
66psi		°C			-
264psi		°C			209
Flammability	防火性	-	UL94		HB
Melting Point	熔点	°C	DSC		223
Electrical properties	电气性质				
Dielectric Strength	介电强度	KV/MM	ASTM	D149	20
Dielectric Constant	介电常数	...	ASTM	D150	4
Volume Resistivity	体积电阻	Ω -CM	ASTM	D257	1.00E+16
Other properties	其它性质				
Specific Gravity	比重	-	ASTM	D792	1.53
Water Absorption	吸水率	%	ASTM	D570	0.07
Mold Shrinkage	成形收缩率		ASTM	D955	
Flow	流动方向	%			0.2-0.4
Cross Flow	垂直方向	%			0.5-0.9

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