

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: DH5062

		Unit	Test Method	Values
Mechanical properties	机械性质			
Izod Impact(Notched)	冲击强度	Kg-cm/cm	ASTM D256	12.7
Tensile Strength	拉伸强度	Kg/cm ²	ASTM D638	1183
Elongation	拉伸率	%	ASTM D638	4.6
Flexural Strength	弯曲强度	Kg/cm ²	ASTM D790	1877
Flexural Modulus	弯曲模数	Kg/cm ²	ASTM D790	80560
Thermal properties	热性质			
Heat Deflection Temperature	热变形温度		ASTM D648	
66psi		°C		-
264psi		°C		206
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	15
Dielectric Constant	介电常数	...	ASTM D150	3
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	1.50
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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