

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

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Technical Data**SHINITE®
E202G15BK**

FR/GF Grade / 防火/玻纤强化级：2883DE

		Unit	Test Method		Values
Mechanical properties		机械性质			
Izod Impact(Notched)	冲击强度	Kg-cm/cm	ASTM	D256	4.6
Tensile Strength	拉伸强度	Kg/cm ²	ASTM	D638	900
Elongation	拉伸率	%	ASTM	D638	3.1
Flexural Strength	弯曲强度	Kg/cm ²	ASTM	D790	1450
Flexural Modulus	弯曲模数	Kg/cm ²	ASTM	D790	57780
Thermal properties		热 性 质			
Heat Deflection Temperature	热变形温度		ASTM	D648	
66psi		°C			-
264psi		°C			197
Flammability	防火性	-	UL94		V0
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	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	1.49
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

UL file number : E107536

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