

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

新光工业（杭州）有限公司

No.1-2, Auenue 6, Economy & Technology

Development Zone, Hangzhou City, Zhejiang, P.R. China

TEL:0571-56755777 Fax: 0571-86912438

Technical Data**SHINITE®****E202G20NA**

FR/GF Grade / 防火/玻纤强化级：2804DE

		Unit	Test Method		Values
Mechanical properties		机械性质			
Izod Impact(Notched)	冲击强度	Kg-cm/cm	ASTM	D256	6.8
Tensile Strength	拉伸强度	Kg/cm ²	ASTM	D638	1149
Elongation	拉伸率	%	ASTM	D638	3.6
Flexural Strength	弯曲强度	Kg/cm ²	ASTM	D790	1748
Flexural Modulus	弯曲模数	Kg/cm ²	ASTM	D790	68450
Thermal properties		热 性 质			
Heat Deflection Temperature	热变形温度		ASTM	D648	
66psi		°C			-
264psi		°C			205
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	1.53
Water Absorption	吸水率	%	ASTM	D570	0.07
Mold Shrinkage	成形收缩率		ASTM	D955	
Flow	流动方向	%			0.3-0.5
Cross Flow	垂直方向	%			0.5-0.9

UL file number : E107536

"Nothing in this information shall be construed as a recommendation for any use that may infringe on any patent right or as an endorsement of any material supplied by Shinkong Industry. We do not guarantee the applicability or the accuracy of this information or the performance of our products in any specific situation. We recommend each user of our products make its own tests to determine if the material is suitable for a particular use. The data show here are within the normal range of product properties, but they are NOT SPECIFICATION LIMITS. Additives of any kind alter some or all of the properties.

SHINITE® 2013 All rights reserved