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SHINITE®
PBT
ENGINEERING PLASTIC DIVISION

SHINKONG SYNTHETIC FIBERS CORPORATION
新 光 合 成 纖 維 股 份 有 限 公 司

Technical Data

SHINITE® E202G30 NA

FR/GF Grade / 防火 / 玻纖強化級

		Unit	Test Method		Values
Mechanical properties	機械性質				
Izod Impact(Notched)	衝擊強度	Kg-cm/cm	ASTM	D256	8.4
Tensile Strength	拉伸強度	Kg/cm ²	ASTM	D638	1200
Elongation	拉伸率	%	ASTM	D638	2.8
Flexural Strength	彎曲強度	Kg/cm ²	ASTM	D790	1870
Flexural Modulus	彎曲模數	Kg/cm ²	ASTM	D790	89700
Rockwell Hardness	洛式硬度	R	ASTM	D785	120
Thermal properties	熱 性 質				
Heat Deflection Temperature	熱變形溫度		ASTM	D648	
66psi		°C			-
264psi		°C			205
Flammability	防火性	-	UL94		V0
Melting Point	熔點	°C	DSC		223
Electrical properties	電氣性質				
Dielectric Strength	介電強度	KV/MM	ASTM	D149	20
Dielectric Constant	介電常數	...	ASTM	D150	4
Volume Resistivity	體積電阻	Ω-CM	ASTM	D257	1.00E+16
Other properties	其它性質				
Specific Gravity	比重	-	ASTM	D792	1.60
Water Absorption	吸水率	%	ASTM	D570	0.07
Mold Shrinkage	成形收縮率		ASTM	D955	
Flow	流動方向	%			0.2~0.4
Cross Flow	垂直方向	%			0.5~0.9

UL file number : E107536

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