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SHINITE®
PBT

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

ENGINEERING PLASTIC DIVISION

Technical Data

SHINITE®
E202G15 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	5.5
Tensile Strength	拉伸強度	Kg/cm ²	ASTM D638	920
Elongation	拉伸率	%	ASTM D638	4.0
Flexural Strength	彎曲強度	Kg/cm ²	ASTM D790	1470
Flexural Modulus	彎曲模數	Kg/cm ²	ASTM D790	56000
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
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	3
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	1.50
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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