

SHINITE®**PBT****ENGINEERING PLASTIC DIVISION****SHINKONG SYNTHETIC FIBERS CORPORATION****新 光 合 成 纖 維 股 份 有 限 公 司**

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Technical Data**SHINITE®
D201NA**

Base polymer Grade / 一般級 : DHK002

		Unit	Test Method		Values
Mechanical properties	機械性質				
Izod Impact(Notched)	衝擊強度	Kg-cm/cm	ASTM	D256	4.5
Tensile Strength	拉伸強度	Kg/cm ²	ASTM	D638	550
Elongation	拉伸率	%	ASTM	D638	10
Flexural Strength	彎曲強度	Kg/cm ²	ASTM	D790	830
Flexural Modulus	彎曲模數	Kg/cm ²	ASTM	D790	24000
Rockwell Hardness	洛式硬度	R	ASTM	D785	118
Thermal properties	熱 性 質				
Heat Deflection Temperature	熱變形溫度		ASTM	D648	
66psi		°C			-
264psi		°C			62
Flammability	防火性	-	UL94		HB
Melting Point	熔點	°C	DSC		223
Electrical properties	電氣性質				
Dielectric Strength	介電強度	KV/MM	ASTM	D149	15
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	1.31
Water Absorption	吸水率	%	ASTM	D570	0.09
Mold Shrinkage	成形收縮率		ASTM	D955	
Flow	流動方向	%			0.8~2.0
Cross Flow	垂直方向	%			0.8~2.0

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