



邦泰複合材料股份有限公司
PONTEX POLYBLEND CO., LTD.

▶▶▶ Nylon / N5445G-NA

產品資訊

Product Information

物理性質	PROPERTY	測試方法METHOD	單位UNIT	結果(數據)RESULT
機械性質 MECHANICAL				
抗張強度	Tensile Strength	ASTM D638	kg/cm ²	1500
伸長率	Elongation	ASTM D638	%	2
抗折強度	Flexural Strength	ASTM D790	kg/cm ²	2000
抗折模數	Flexural Modulus	ASTM D790	kg/cm ²	100000
衝擊強度	IZOD Impact, Notched 1/8" RT	ASTM D256	kg-cm/cm	15
	IZOD Impact, Notched 1/8"-20°C	ASTM D256	kg-cm/cm	
	IZOD Impact, Notched 1/8" -40°C	ASTM D256	kg-cm/cm	
硬度	Hardness – R Scale	ASTM D785	-	
硬度	Hardness – Shore D	ASTM D785	-	
熱性質 THERMAL				
	Heat Deflection Temp. 4.6kg/cm ²	ASTM D648	°C	
	Heat Deflection Temp.18.6kg/cm ²	ASTM D648	°C	235
其它 OTHER				
流動指數	Melt Index, g/10 min	ASTM D1238	-	40
成形收縮率	Mold Shrinkage	ASTM D2240	cm/cm	0.15~0.40
比重	Specific Gravity	ASTM D792		1.47
灰分	Filler Content	ASTM D5630-06	%	
含水率	Water Absorption 23°C,24hr	ASTM 570	%	
耐燃性	Flammability 1/8"	UL 94		
附註 Remark				