



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

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▶▶▶ Nylon / N5105G-BK1D

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	600
伸長率	Elongation	ASTM D638	%	1.5
抗折強度	Flexural Strength	ASTM D790	kg/cm ²	1000
抗折模數	Flexural Modulus	ASTM D790	kg/cm ²	30000
衝擊強度	IZOD Impact, Notched 1/8" RT	ASTM D256	kg-cm/cm	5
	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	180
其它 OTHER				
流動指數	Melt Index, g/10 min	ASTM D1238	-	
成形收縮率	Mold Shrinkage	ASTM D2240	cm/cm	0.5-0.8
比重	Specific Gravity	ASTM D792		
灰分	Filler Content	ASTM D5630-06	%	
含水率	Water Absorption		%	0.2
耐燃性	Flammability 1/8"	UL 94	-	
附註 Remark				
※Typical properties can be subject to change without further notice.				