



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

## 產品資訊

▶▶▶ Nylon / N5120S-BK1D

## Product Information

物理性質	PROPERTY	測試方法METHOD	單位UNIT	結果(數據)RESULT
<b>機械性質 MECHANICAL</b>				
抗張強度	Tensile Strength	ASTM D638	kg/cm <sup>2</sup>	<b>700</b>
伸長率	Elongation	ASTM D638	%	<b>2.5</b>
抗折強度	Flexural Strength	ASTM D790	kg/cm <sup>2</sup>	<b>1100</b>
抗折模數	Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	<b>45000</b>
衝擊強度	IZOD Impact, Notched 1/8" RT	ASTM D256	kg-cm/cm	<b>13</b>
	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	-	
<b>熱性質 THERMAL</b>				
	Heat Deflection Temp. 4.6kg/cm <sup>2</sup>	ASTM D648	°C	
	Heat Deflection Temp.18.6kg/cm <sup>2</sup>	ASTM D648	°C	<b>175</b>
<b>其它 OTHER</b>				
流動指數	Melt Index, g/10 min	ASTM D1238	-	
成形收縮率	Mold Shrinkage	ASTM D2240	cm/cm	<b>0.2-0.5</b>
比重	Specific Gravity	ASTM D792		<b>1.25</b>
灰分	Filler Content	ASTM D5630-06	%	
含水率	Water Absorption		%	<b>0.2</b>
耐燃性	Flammability 1/8"	UL 94	-	
附註 Remark				