



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

TPU /UFB6100N-4-BK1

## 產品資訊

## 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>	140
伸長率	Elongation	ASTM D638	%	500
抗折強度	Flexural Strength	ASTM D790	kg/cm <sup>2</sup>	
抗折模數	Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	
衝擊強度	IZOD Impact, Notched 1/8" RT	ASTM D256	kg-cm/cm	30
	IZOD Impact, Notched 1/8"-35°C	ASTM D256	kg-cm/cm	90
	IZOD Impact, Notched 1/8" -40°C	ASTM D256	kg-cm/cm	
硬度	Hardness – R Scale	ASTM D785	-	
硬度	Hardness – Shore A	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>其它 OTHER</b>				
流動指數	Melt Index, g/10 min	ASTM D1238	-	60
成形收縮率	Mold Shrinkage	ASTM D2240	cm/cm	0.8~1
比重	Specific Gravity	ASTM D792		1.44
灰分	Filler Content	ASTM D5630-06	%	
含水率	Water Absorption		%	
耐燃性	Flammability 1/8" , 1/16"	UL 94	-	V0
附註 Remark				