

### General GPPS POLYREX® PG-80

產品敘述: High strength

物性	ISO 測試方法	測試條件	單位	PG-80
熔融指數	1133	200°C×5KG	ml/10 min	4.5
比重	1183	23 °C	g/cm <sup>3</sup>	1.05
拉伸強度	527	50 mm/min, yield	MPa	-
		50 mm/min, break	MPa	45
延伸率	527	50 mm/min	%	5
彎曲強度	178	2 mm/min	MPa	68
彎曲彈性模數		2 mm/min	GPa	2.4
IZOD 衝擊強度	180/1A	23 °C Notched	KJ/m <sup>2</sup>	2
		-30 °C Notched	KJ/m <sup>2</sup>	1.8
Charpy 衝擊強度	179	23 °C Notched	KJ/m <sup>2</sup>	3
		-30 °C Notched	KJ/m <sup>2</sup>	2.5
維氏軟化溫度	306	1 Kg,50 °C/hr	°C	96
		5 Kg,50 °C/hr	°C	92
熱變形溫度	75/A	1.8 MPa Unannealed	°C	80
		1.8 MPa Annealed	°C	94
線膨脹係數	11359	-	-	5~8x10 <sup>-5</sup>
燃燒等級	-	UL-94	-	1.5mm HB
成型收縮率	294-4	-	%	0.4~0.7
標記	1043	-	-	>PS<

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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