

## Food HIPS POLYREX® PH-55Y

產品敘述: Medium impact

物性	ISO 測試方法	測試條件	單位	PH-55Y
熔融指數	1133	200°C×5KG	ml/10 min	9
比重	1183	23 °C	g/cm <sup>3</sup>	1.05
拉伸強度	527	50 mm/min, yield	MPa	27
		50 mm/min, break	MPa	25
延伸率	527	50 mm/min	%	60
彎曲強度	178	2 mm/min	MPa	38
彎曲彈性模數		2 mm/min	GPa	1.3
IZOD 衝擊強度	180/1A	23°C, Notched	KJ/m <sup>2</sup>	7
		-30°C, Notched	KJ/m <sup>2</sup>	3
Charpy 衝擊強度	179	23°C, Notched	KJ/m <sup>2</sup>	6
		Charpy -30°C, Notched	KJ/m <sup>2</sup>	3.6
維氏軟化溫度	306	50°C/hr;1KG	°C	94
		50°C/hr;5KG	°C	87
熱變形溫度	75/A	1.8MPa, unannealed	°C	74
		1.8MPa, annealed	°C	87
線膨脹係數	11359	-	-	4~6x10-5
燃燒等級	-	UL-94	-	1.5mm HB
成型收縮率	294-4	-	%	0.4~0.7
標記	1043	-	-	>PS-HI<

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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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