

## Food PS POLYREX® Characteristics PH-55Y

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	食品級 FOOD
				PH-55Y
熔融指數 Melt Flow Index	D1238	200 °C, 5 Kg	g/10 min	9.0
比重 Mass Density	D792	23 °C	-	1.05
硬度 Hardness	D785	-	L Scale	70
拉伸強度 (斷裂) Tensile Strength (Break)	D638	6 mm/min	Kg/cm <sup>2</sup>	220
			lb/in <sup>2</sup>	3120
延伸率 Tensile Elongation	D638	6 mm/min	%	50
彎曲強度 Flexural Strength	D790	2.8 mm/min	Kg/cm <sup>2</sup>	450
			lb/in <sup>2</sup>	6390
彎曲彈性模數 Flexural Modulus	D790	2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.3
			10 <sup>5</sup> lb/in <sup>2</sup>	3.3
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	6.5
			ft-lb/in	1.19
		3.2 mm, 23°C	Kg-cm/cm	7.5
			ft-lb/in	1.37
維氏軟化溫度 Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	95
			°F	203
熱變形溫度 Heat Distortion Temp.	D648	Annealed	°C	89
			°F	192
		Unannealed	°C	78
			°F	172
UL 燃燒等級 UL Flammability	UL 94	-	-	1.5 mm HB

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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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