

## General PC/ABS WONDERLOY® Characteristics

### PC-345

特性 PROPERTIES	測試方法 TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				PC-345
比重 Mass Density	ISO 1183	23 °C	g/cm <sup>3</sup>	1.10
硬度 Ball Indentation Hardness	ISO 2039-1	H358/30	N/mm <sup>2</sup>	-
拉伸強度 Tensile Strength	ISO 527	50 mm/min,yield	MPa	45
		50 mm/min,break	MPa	39
延伸率 Tensile Elongation	ISO 527	50 mm/min	%	80
彎曲強度 Flexural Strength	ISO 178	2 mm/min	MPa	75
彎曲彈性模數 Flexural Modulus	ISO 178	2 mm/min	MPa	2300
IZOD 衝擊強度 Izod Impact Strength	ISO 180/4A	1/8" notched	Kj/m <sup>2</sup>	39
	ISO 180/4C	1/8" unnotched	Kj/m <sup>2</sup>	-
Charpy 衝擊強度 Charpy Impact Strength	ISO 179	Notched	Kj/m <sup>2</sup>	-
		Unnotched	Kj/m <sup>2</sup>	-
維氏軟化溫度 Vicat Softening Temp.	ISO 306	1 Kg,50 °C/hr	°C	125
		5 Kg,50 °C/hr	°C	110
熱變形溫度 Heat Distortion Temp.	ISO 75	1.8 MPa Unannealed	°C	106
		1.8 MPa Annealed	°C	95
UL 燃燒等級 UL Flammability	-	UL-94	-	1.5 mm HB

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