

## High Flow PC WONDERLITE® PC-175

產品敘述: High Flow Polycarbonate

物性	ISO 測試方法	測試條件	單位	PC-175
熔融指數	1133	300°C × 1.2KG	ml/10 min	65
比重	1183	23 °C	g/cm <sup>3</sup>	1.2
拉伸強度	527	50 mm/min, yield	MPa	60
		50 mm/min, break	MPa	50
延伸率	527	50 mm/min	%	65
彎曲強度	178	2 mm/min	MPa	90
彎曲彈性模數		2 mm/min	GPa	2.4
IZOD 衝擊強度	180/1A	23°C, Notched, 1/8"	KJ/m <sup>2</sup>	8
		-30°C, Notched, 1/8"	KJ/m <sup>2</sup>	-
Charpy 衝擊強度	179	23°C, Notched	KJ/m <sup>2</sup>	10
		Charpy -30°C, Notched	KJ/m <sup>2</sup>	-
維氏軟化溫度	306	50°C/hr; 1KG	°C	145
		50°C/hr; 5KG	°C	140
熱變形溫度	75/A	1.8MPa, unannealed	°C	124
		1.8MPa, annealed	°C	140
線膨脹係數	11359	-	-	6.0~8.0x10-5
燃燒等級	-	UL-94	-	-
成型收縮率	294-4	-	%	0.5~0.7
標記	1043	-	-	>PC<

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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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