

High Flow PC WONDERLITE® PC-175

Product Description: High Flow Polycarbonate

Properties	ASTM Test Method	Test Condition	Unit	PC-175
Melt Flow Index	D1238	300°C, 1.2 Kg	g/10 min	65
		-	-	-
Mass Density	D792	23 °C	-	1.2
Hardness	D785	-	M Scale	77
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	630
			lb/in ²	8935
Tensile Elongation	D638	6 mm/min	%	50
Flexural Strength	D790	1.3 mm/min	Kg/cm ²	920
			lb/in ²	13030
Flexural Modulus		1.3 mm/min	10 ⁴ Kg/cm ²	2.4
			10 ⁵ lb/in ²	3.4
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	-
			ft-lb/in	-
		3.2 mm, 23°C	Kg-cm/cm	-
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	150
			°F	302
Heat Distortion Temp.	D648	Annealed	°C	-
			°F	-
		Unannealed	°C	125
			°F	257
Flammability	UL-94	-	-	-

September 20, 2023

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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