

Extrusion PC WONDERLITE® PC-108U

Product Description: High viscosity; UV stabilized; Easy release; For extrusion application

Properties	ISO Test Method	Test Condition	Unit	PC-108U
Melt Flow Index	1133	300°C×1.2KG	ml/10 min	6.5
Mass Density	1183	23 °C	g/cm ³	1.2
Tensile Strength	527	50 mm/min, yield	MPa	65
		50 mm/min, break	MPa	75
Tensile Elongation	527	50 mm/min	%	120
Flexural Strength	178	2 mm/min	MPa	90
Flexural Modulus		2 mm/min	GPa	2.4
Izod Impact Strength	180/1A	23°C, Notched,3.2mm	KJ/m ²	75
		-30°C, Notched,3.2mm	KJ/m ²	-
Charpy Impact Strength	179	23°C, Notched,3.2mm	KJ/m ²	75
		-30°C, Notched,3.2mm	KJ/m ²	-
Vicat Softening Temp.	306	50°C/hr;1KG	°C	150
		50°C/hr;5KG	°C	145
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	128
		1.8MPa, annealed	°C	143
Coefficient of Linear Thermal Expansion	11359	-	-	6.0~8.0x10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB 0.75mm V2
Mold Shrinkage	294-4	-	%	0.5~0.7
Symbol	1043	-	-	>PC<

September 23, 2025

Notes: The value provided herein has been established on above test methods and conditions, which only as reference for selecting material, NOT guaranteed values or formal specifications. There can be variation within normal tolerances in colors.

All information contained herein are typical values for reference and CHIMEI CORPORATION ("CHIMEI") reserves the right to revise it without notice. The information correspond to our best knowledge as of the date of publication and stated in lieu of all other warranties and statements, whether express, statutory, or implied. Each user shall bear full responsibility for making its own determination as to the suitability of our materials, products, services or recommendations for its own particular use. In no event will CHIMEI be liable for any indirect, special, exemplary, punitive or consequential damages (including lost profits) of any nature whatsoever whether arising out of the purchase, shipment, unloading, handling or use of any product or otherwise.

Any information revealed herein is owned by CHIMEI or legally authorized by the rights holders, and protected by any and all domestic or foreign copyright, intellectual property laws. Nothing herein shall be deemed as any patent, copyright, trademark, or license in the information is granted or implied for any use.