CHIMEI 奇美實業股份有限公司 CHI MEI CORPORATION ORIGINAL
59-1, San Chia, Jen Te, Tainan City 71702, Taiwan TEL : (06)2663000 FAX : (06)2665555-7

General PC WONDERLITE® PC-115

Product Description: Low viscosity

Properties	ISO Test Method	Test Condition	Unit	PC-115
Melt Flow Index	1133	300℃ × 1.2KG	ml/10 min	15
Mass Density	1183	23 ℃	g/cm^3	1.2
Tensile Strength	527	50 mm/min, yield	MPa	64
		50 mm/min, break	MPa	70
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℃, Notched,1/8"	KJ/m^2	70
		-30℃, Notched,1/8"	KJ/m^2	-
Charpy Impact Strength	179	23 ℃ Notched	KJ/m^2	70
		-30 ℃ Notched	KJ/m^2	-
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	150
		5 Kg,50 ℃/hr	℃	145
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	℃	128
		1.8 MPa Annealed	℃	143
Coefficient of Linear Thermal Expansion	11359	-	-	6.0~8.0x10-5
Flammability	-	UL-94	-	2.5mm V-2
Mold Shrinkage	294-4	-	%	0.5~0.7
Symbol	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 test

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