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General PC WONDERLITE® PC-145K

Product Description: High flow Recyclability

Properties	ISO Test Method	Test Condition	Unit	PC-145K
Melt Flow Index	1133	300℃ × 1.2KG	ml/10 min	45
Mass Density	1183	23 ℃	g/cm³	1.2
Tensile Strength	527	50 mm/min, yield	MPa	62
		50 mm/min, break	MPa	64
Tensile Elongation	527	50 mm/min	%	142
Flexural Strength	178	2 mm/min	MPa	92
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23℃, Notched,1/8"	KJ/m²	50
		-30℃, Notched,1/8"	KJ/m²	-
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	-
		-30 ℃ Notched	KJ/m²	-
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	145
		5 Kg,50 ℃/hr	℃	140
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	℃	120
		1.8 MPa Annealed	℃	–
Coefficient of Linear Thermal Expansion	11359	-	-	6.0~8.0x10-5
Flammability	-	UL-94	-	3.0mm 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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