



General PC WONDERLITE® PC-145K

Product Description: High flow Recyclability

Properties	ISO Test Method	Test Condition	Unit	PC-145K
Melt Flow Index	1133	300°C × 1.2KG	ml/10 min	45
Mass Density	1183	23 °C	g/cm ³	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°C, Notched, 1/8"	KJ/m ²	50
		-30°C, Notched, 1/8"	KJ/m ²	-
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	-
		-30 °C Notched	KJ/m ²	-
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	145
		5 Kg, 50 °C/hr	°C	140
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	120
		1.8 MPa Annealed	°C	-
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<