

Chi Mei Wonderloy® PC-365KZ

Features: High impact; General purpose grade

Application: General purpose

Physical property		Standard	Value	Unit
Density	23°C	ISO 1183	1.13	g/cm³
Melt Index	260°C 5kg	ISO 1133	18	cm³/10min
Hardness		Standard	Value	Unit
Rockwell Hardness	12.7mm	ASTM D785	115	
Mechanical behavior		Standard	Value	Unit
Tensile Strength	50mm/min	ISO 527	55	MPa
Elongation	50mm/min	ISO 527	120	%
Flexural Strength	2.0mm/min	ISO 178	78	MPa
Flexural Modulus	2.0mm/min	ISO 178	2.2	GPa
Izod Notch Impact	23°C 4.0mm	ISO 180	45	kJ/m²
Charpy Notch Impact	23°C 4.0mm	ISO 179	47	kJ/m²
Thermal		Standard	Value	Unit
HDT	Unannealed 1.8MPa	ISO 75	105	°C
HDT	Unannealed 0.45MPa	ISO 75	125	°C
Vicat Softening Temperature	50°C/hr 10N	ISO 306	140	°C
Vicat Softening Temperature	50°C/hr 50N	ISO 306	125	°C
Flammability		Standard	Value	Unit
Flame Rating	All Color 1.5mm	UL94	HB	
Flame Rating	All Color 3.0mm	UL94	HB	