

Chi Mei Wonderloy® PC-330KZ

Features: High flow; General purpose grade

Application: General purpose

Physical property		Standard	Value	Unit
Density	23°C	ISO 1183	1.08	g/cm ³
Melt Index	260°C 5kg	ISO 1133	20	cm ³ /10min
Hardness		Standard	Value	Unit
Rockwell Hardness	12.7mm	ASTM D785	108	
Mechanical behavior		Standard	Value	Unit
Tensile Strength	50mm/min	ISO 527	47	MPa
Elongation	50mm/min	ISO 527	50	%
Flexural Strength	2.0mm/min	ISO 178	70	MPa
Flexural Modulus	2.0mm/min	ISO 178	2.1	GPa
Izod Notch Impact	23°C 4.0mm	ISO 180	35	kJ/m ²
Charpy Notch Impact	23°C 4.0mm	ISO 179	36	kJ/m ²
Thermal		Standard	Value	Unit
HDT	Unannealed 1.8MPa	ISO 75	88	°C
HDT	Unannealed 0.45MPa	ISO 75	105	°C
Vicat Softening Temperature	50°C/hr 10N	ISO 306	117	°C
Vicat Softening Temperature	50°C/hr 50N	ISO 306	105	°C
Flammability		Standard	Value	Unit
Flame Rating	All Color 1.5mm	UL94	HB	
Flame Rating	All Color 3.0mm	UL94	HB	
UL		Standard	Value	Unit
UL FlameRating	ALL 1.5mm	UL94	HB	
UL FlameRating	ALL 3.0mm	UL94	HB	
HWI	ALL 1.5mm	UL 746A	4	PLC
HWI	ALL 3.0mm	UL 746A	4	PLC
HAI	ALL 1.5mm	UL 746A	2	PLC
HAI	ALL 3.0mm	UL 746A	2	PLC
RTI Elec	ALL 1.5mm	UL 746B	60	°C
RTI Elec	ALL 3.0mm	UL 746B	60	°C
RTI Imp	ALL 1.5mm	UL 746B	60	°C
RTI Imp	ALL 3.0mm	UL 746B	60	°C
RTI Str	ALL 1.5mm	UL 746B	60	°C
RTI Str	ALL 3.0mm	UL 746B	60	°C
Comparative Tracking Index		IEC 60112	2	PLC
HVTR		UL 746A	4	PLC
Arc Resistance		ASTM D495	6	PLC