

WONDERLITE PC-6600 G60

PC

CHIMEI Corporation

Product Texts

PCR material 60% content.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	10	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Yield stress	55	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	85	MPa	ISO 178
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	60	kJ/m ²	ISO 180/1A

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	120	°C	ISO 75-1/-2
Vicat softening temperature, A	148	°C	ISO 306
Vicat softening temperature, B	140	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Burning behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	2.0	mm	-

Electrical properties

	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	3	-	IEC 62631-2-1

Other properties

	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, Opaque

Regional Availability

Asia Pacific

Certifications

Recycled Resin Content