

Chemerize 012 G

PEEK

PanjinZhongrun High Performance Polymer Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	95	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	3700	MPa	ISO 178
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	340	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	153	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.4	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Other properties			
Density	1300	kg/m ³	ISO 1183

Characteristics**Delivery form**

Granules, Powder

Features

Copolymer

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific