

330G

PEEK

DREYPLAS GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577
Molding shrinkage, normal	1.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3900	MPa	ISO 527
Yield stress	110	MPa	ISO 527
Strain at break	24	%	ISO 527
Flexural modulus, 23°C	4200	MPa	ISO 178
Flexural strength	175	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	343	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	143	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	156	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	50	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Dissipation factor, 1MHz	30	E-4	IEC 62631-2-1
Electric strength	16	kV/mm	IEC 60243-1
Other properties			
Water absorption	0.4	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

Europe

Delivery form

Pellets, Powder