

Menzolit® HPC 1200

UP-(MD+GF)62

Menzolit

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, normal	0.2	%	ISO 294-4, 2577
Thermal conductivity of melt	0.7	W/(m K)	-
Spec. heat capacity of melt	1100	J/(kg K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	22000	MPa	ISO 527
Tensile Strength	300	MPa	ISO 527
Flexural modulus, 23°C	24000	MPa	ISO 178
Thermal properties			
ISO Data			
Glass transition temperature, 10°C/min	162	°C	ISO 11357-1/-2
Coeff. of linear therm. expansion, parallel	9	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	7	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Oxygen index	22	%	ISO 4589-1/-2
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E12	Ohm	IEC 62631-3-2
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	0.5	%	Sim. to ISO 62
Density	1800	kg/m ³	ISO 1183

Characteristics**Processing**

Compression Molding

Delivery form

Sheet Molding Compound

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa