

RIABLEND C 220 GF30 ST natur

(PC+PBT)-GF30

RIA-Polymers GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	24	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9900	MPa	ISO 527
Yield stress	135	MPa	ISO 527
Yield strain	3.5	%	ISO 527
Stress at break	134	MPa	ISO 527
Strain at break	3.7	%	ISO 527
Charpy impact strength, +23°C	72	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	76	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11.5	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	9.9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	194	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218	°C	ISO 75-1/-2
Vicat softening temperature, B	202	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	0.4	%	Sim. to ISO 62
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1460	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Features

Amorphous

Chemical Resistance

General Chemical Resistance

Regional Availability

Europe