

SKYTRA 5220FR

PET-GF30

SK Chemicals

SKYTRA 5220FR contains a minimum of 50% PCR (post-consumer recycled) content.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical Properties			
ISO Data			
Tensile Modulus	11000	MPa	ISO 527
Yield stress	130	MPa	ISO 527
Strain at Break	2.5	%	ISO 527
Flexural Modulus (23°C)	9400	MPa	ISO 178
Flexural strength	200	MPa	ISO 178
ASTM Data			
Notched Impact Strength (Izod), 1/8 in	90	J/m	ASTM D 256
Notched Impact Strength (Izod), 1/4 in	70	J/m	ASTM D 256
Thermal Properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	225	°C	ISO 75-1/-2
Burning Behav. at thickness h	V-0	class	UL 94
Thickness tested	0.3	mm	-
Burning Behav. 5V at Thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.5	mm	-
Glow Wire Ignition Temperature)	960	°C	IEC 60695-2-13
GWIT - thickness tested (1)	3	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.7	mm	-
Electrical Properties			
ISO Data			
Comparative tracking index	250	-	IEC 60112
ASTM Data			
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
Arc Resistance	90	s	ASTM D 495
Other Properties			
ISO Data			
Density	1630	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Certifications

Recycled Resin Content

Special Characteristics

Flame retardant

Applications

Automotive, Electrical and Electronical

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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Important: irrespective of product type or designation, ALBIS does not recommend or support the use of any products it supplies which fall into the following medical, pharmaceutical or diagnostic application categories:

- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

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