

SKYTRA 5220F

PET-GF30

SK Chemicals

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	Value	Unit	Test Standard
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	Value	Unit	Test Standard
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	Value	Unit	Test Standard
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	Value	Unit	Test Standard
ISO Data			
Density	1630	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Applications

Automotive, Electrical and Electronical

Special Characteristics

Flame retardant

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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