

SKYTRA 5250F

PET-GF43

SK Chemicals

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	16500	MPa	ISO 527
Yield stress	160	MPa	ISO 527
Strain at Break	1.8	%	ISO 527
Flexural Modulus (23°C)	14500	MPa	ISO 178
Flexural strength	210	MPa	ISO 178
ASTM Data			
Notched Impact Strength (Izod), 1/8 in	110	J/m	ASTM D 256
Impact Strength (Izod), 1/8 in	750	J/m	ASTM D 256

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	224	°C	ISO 75-1/-2
Burning Behav. at thickness h	V-0	class	UL 94
Thickness tested	0.8	mm	-
Burning Behav. 5V at Thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.5	mm	-

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1790	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Applications

Automotive, Electrical and Electronical

Special Characteristics

Flame retardant

Disclaimer

Liability Exclusion

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