

Component - Plastics

E215991

SK CHEMICALS CO LTD

310 Pangyo-ro Bundang-gu, Seongnam-si, Gyeonggi-do 13494 Republic of Korea

SKYTRA 5220F(#)(f1)

Polyethylene Terephthalate (PET), furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
NC, BK	0.7	V-0	0	0	930	960	155	155	155
	1.5	V-0	0	0	875	960	155	155	155
	3.0	V-0	0	0	960	960	155	155	155

Comparative Tracking Index (CTI) (PLC):

2

IEC Comparative Tracking Index (V):

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IEC CTI Material Group:

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Inclined Plane Tracking (IPT) (kV):

1.5

High-Voltage Arc Tracking Rate (HVTR) (PLC):

1

Dielectric Strength (DS) (kV/mm):

35.04

Volume Resistivity (VR) (10^x ohm cm):

14

Surface Resistivity (SR) (10^x ohms/square):

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High Volt, Low Current Arc Resis (D495):

7

(#) - May be replaced by one or two numbers and/or letters.

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 2013-12-06

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ALSO CERTIFIED TO IEC REQUIREMENTS

ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.7 mm, Color: NC, BK	V-0	
1.5 mm, Color: NC, BK	V-0	
3.0 mm, Color: NC, BK	V-0	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
0.7 mm	930 °C	
1.5 mm	875 °C	
3.0 mm	960 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
0.7 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	