

Component - Plastics

Guide Information

E220931

SIRMAX SPA

Via Dell' Artigianato 42, Cittadella Pd 35013 IT

FXC

Acrylonitrile Butadiene Styrene (ABS) "DAFNELAC", furnished as pellets

<u>Color</u>	<u>Min. Thk (mm)</u>	<u>Flame Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI Elec</u>	<u>RTI Imp</u>	<u>RTI Str</u>
ALL	1.0	V-1	-	-	60	60	60
	1.7	V-0, 5VA	0	0	60	60	60
	3.0	V-0, 5VA	0	0	60	60	60
Comparative Tracking Index (CTI): -			Inclined Plane Tracking (IPT) kV: -				
Dielectric Strength (kV/mm): -			Volume Resistivity (10 ^x ohm-cm): -				
High-Voltage Arc Tracking Rate (HVTR): -			Surface Resistivity (10 ^x ohms/square): -				
Dimensional Stability (%): -			High Volt, Low Current Arc Resis (D495): -				

IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.0	V-1 (ALL)
			1.7	V-0, 5VA (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWF)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-