

**TABOCAB SXG 011**

PE

Silon s.r.o.

**Product Texts**

TABOCAB SXG 011 is a crosslinkable polyolefin-based Halogen Free Flame Retardant (HFFR) compound made by SIOPLAS technology for outdoor in operating temperature 90 °C and DC voltage rating up to 2 kV.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	150	°C	-
Load	21.6	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Shore D hardness	45	-	ISO 7619-1
<b>Other Standards<sup>[5]</sup></b>			
Stress at break	14.4	MPa	EN 60811-501
Strain at break	250	%	EN 60811-501

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Limiting Oxygen Index	36	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
<b>Other Standards<sup>[5]</sup></b>			
Volume resistivity	8.5E11 <sup>[1]</sup>	Ohm*m	IEC 60502-1

1: 20 °C, 500 V S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1510	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	wire/cable	-	-
Feed temperature	15 - 40	°C	-
Zone 1	125 - 140	°C	-
Zone 2	135 - 160	°C	-
Zone 3	150 - 160	°C	-
Zone 4	155 - 165	°C	-
Nozzle temperature	170 - 180	°C	-

**Characteristics****Processing**

Wire/Cable Extrusion

**Special Characteristics**

Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Features**

Crosslinkable

**Applications**

Building Construction, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific, South and Central America, Near East/Africa