

Flexalloy® 9605-70FR

Polyvinyl Chloride Elastomer

Teknor Apex Company

Message:

Flexalloy® 9605-70FR is a Polyvinyl Chloride Elastomer (PVC Elastomer) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of Flexalloy® 9605-70FR are:

RoHS Compliant

Flame Retardant

Good Flexibility

Heat Resistant

Sunlight Resistant

Typical application of Flexalloy® 9605-70FR: Wire & Cable

General Information			
Features	Flame Retardant		
	High Heat Resistance		
	Low Temperature Flexibility		
	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
Wire Types	SEOW		
	SEW		
	SJEOW		
	SJEW		
	STEOW		
	STEW		
	VW-1		
Agency Ratings	UL Class 11		
	UL Class 12		
	UL Class 36		
	UL Class 43		
	UL QMTT2 .E73402		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method

Tensile Strength (Break)	11.2	MPa	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	90.0	°C	ASTM D794
Brittleness Temperature	-43.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
1 kHz	7.04		
1 MHz	4.49		
Dissipation Factor			ASTM D150
1 kHz	0.098		
1 MHz	0.14		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

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Recommended distributors for this material

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