

Flexalloy® 89501-83

Polyvinyl Chloride Elastomer

Teknor Apex Company

Message:

Flexalloy® 89501-83 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® 89501-83 are:

RoHS Compliant

Flame Retardant

Good Flexibility

Heat Resistant

Typical application of Flexalloy® 89501-83: Wire & Cable

General Information	
Features	Flame Retardant
	High Heat Resistance
	Low Temperature Flexibility
Uses	Wet Rated Insulation
Wire Types	NISPE-1
	NISPE-2
	SE
	SEO
	SEOW
	SEW
	SJE
	SJEO
	SJEOW
	SJEW
	SPE-1
	SPE-2
	SPE-3
	SRDE
	SVE
	SVEO
	TF
	TFF
	THHW
	THW
	TW
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	1.28	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.9	MPa	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-45.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	5.8E+13	ohms · cm	ASTM D257
Dielectric Constant			ASTM D150
1 kHz	4.98		
1 MHz	3.34		
Dissipation Factor			ASTM D150
1 kHz	0.056		
1 MHz	0.088		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT