

Lifoflex® UV FLAM 50700

Thermoplastic Elastomer

Müller Kunststoffe GmbH

Message:

Lifoflex® UV FLAM 50700 is a Thermoplastic Elastomer (TPE) material. It is available in Europe for extrusion or injection molding.

Important attributes of Lifoflex® UV FLAM 50700 are:

- Flame Rated
- RoHS Compliant
- Flame Retardant
- Good Adhesion
- Good Flexibility
- Typical applications include:
 - Engineering/Industrial Parts
 - Construction Applications
 - Electrical/Electronic Applications
 - Wire & Cable

General Information			
Features	Flame Retardant		
	Good Adhesion		
	Good Flexibility		
	Good Processability		
	Halogen Free		
	Low Compression Set		
	Low Smoke Emission		
	Low Toxicity		
Uses	Building Materials		
	Cable Jacketing		
	Electrical Parts		
	Gaskets		
	Grommets		
	Profiles		
Agency Ratings	DIN 5510-2:2009-5		
	DIN EN ISO 5659-2		
	EU 2003/11/EC		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 1183/A

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	50		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Flow (Yield)	2.20	MPa	DIN 53504
Tensile Elongation - Flow (Break)	530	%	DIN 53504
Compression Set			ISO 815
23°C, 72 hr	13	%	
70°C, 22 hr	39	%	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
	850		
Glow Wire Flammability Index (1.60 mm)	650	°C	IEC 60695-2-12

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Recommended distributors for this material

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