

# Lifoflex® UV FLAM 40600

Thermoplastic Elastomer

Müller Kunststoffe GmbH

Message:

Lifoflex® UV FLAM 40600 is a Thermoplastic Elastomer (TPE) material. It is available in Europe for extrusion or injection molding.

Important attributes of Lifoflex® UV FLAM 40600 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	EU 2003/11/EC		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	40		DIN 53505
Elastomers	Nominal Value	Unit	Test Method

Tensile Stress - Flow (Yield)	2.70	MPa	DIN 53504
Tensile Elongation - Flow (Break)	650	%	DIN 53504
Compression Set			ISO 815
23°C, 72 hr	24	%	
70°C, 22 hr	54	%	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	V-0		UL 94
	850		
Glow Wire Flammability Index (3.00 mm)	650	°C	IEC 60695-2-12

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

