

Firex is a flexible Polyester-based Polyurethane foam. The material has very good flame behaviour to normalised tests required in the electronics and automotive industries. It is also used for acoustical insulation.

PROPERTY	UNIT	TEST METHOD	SPECIFICATION
COLOUR:			CHARCOAL
APPARENT DENSITY:	kg / m ³	ISO 845	51 - 57
COMPRESSION DEFLECTION: 40 %	kPa	ISO 3386	4.7 - 6.3
TENSILE STRENGTH:	kPa	ISO 1798	≥160
ELONGATION:	%	ISO 1798	≥260
CELL COUNT:	p.p.i	SS / T .013.3	68 - 88
CELL DIAMETER:	μ	SS / T .013.4	480 - 660

FLAME BEHAVIOUR TEST	RATING	APPLICATION
ISO 3582	S.E. ¹	
MVSS 302	S.E. ¹	AUTOMOTIVE
UL 94	HF1	ELECTRONICS

1. SELF-EXTINGUISHING:

The material will not combust for >20 seconds after ignition source has been removed.

PLEASE NOTE:

The values on this data sheet have been taken from limited available data and do not constitute a specification. The test methods applied in the above tests are DIN, ISO and internal. The above results are obtained based on the referenced test methods and are to be regarded as typical values which are not usually directly comparable with those of any product tested to other test methods, i.e.: DIN. Tests were conducted at ambient temperature and humidity unless otherwise stated.

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