

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 acoustic insulation.

PROPERTY	UNIT	TEST METHOD	SPECIFICATION
COLOUR:			GREY
APPARENT DENSITY:	kg / m ³	ISO 845	28 - 32
COMPRESSION DEFLECTION: 40 %	kPa	ISO 3386	3.6 - 5.4
TENSILE STRENGTH:	kPa	ISO 1798	≥120
ELONGATION:	%	ISO 1798	≥180
CELL COUNT:	p.p.i	SS / T .O13.3	51 - 64
CELL DIAMETER:	μ	SS / T .O13.4	740 - 1080

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

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.

Whilst this document has been prepared in good faith, Sondor Industries (Pty) Ltd accept no contractual liability of any kind to any person in respect of its contents or any use made thereof, nor must it be assumed that any such use will not infringe any patent. This document shall form no part of any contract with a customer. The data supplied on this sheet is typical and in no way reflects the final resultant values of the respective products.



CAPE TOWN: Tel: (021) 959 9400, E-mail: Ctn.Sondor@ecobat.com • DURBAN: Tel: (031) 705 4220, E-mail: Dbn.Sondor@ecobat.com
 JOHANNESBURG: Tel: (011) 452 4530, E-mail: Jhb.Sondor@ecobat.com • PORT ELIZABETH: Tel: (041) 486 2231, E-mail: Pe.Sondor@ecobat.com
 PRETORIA: Tel: (012) 803 4471, E-mail: Pta.Sondor@ecobat.com • EXPORTS: Tel: +27-21-959 5900, E-mail: Exports.Sondor@ecobat.com
 HEAD OFFICE: Tel: (021) 959 5900, E-mail: Ho.Sondor@ecobat.com • EAST LONDON AGENT: Johnny Grant (043) 743 3067/68 • GARDEN ROUTE AGENT: IMPIWire (044) 802 7300