

CME32125

Flexible polyurethane foam (PUR) on polyether basis.
CM- (Combustion Modified) version

2003.12.02

DATA SHEET				
Net Density +/- 8%	ISO 1855 / DIN 53420	kg/m ³		30
Indentation Load Deflection (ILD) +/- 15 %	ISO 2439 / DIN 53576-A N, 40%			125
Compression Load Deflection (CLD) +/- 15%	ISO 3386 / DIN 53577	kPa, 40%		3,1
Tensile strength	ISO 1798 / DIN 53571	kPa	*	100
Elongation at break	ISO 1798 / DIN 53571	%	*	120
Tear strength	ISO 8067	N/cm	*	-
Compression set	ISO 1856 / DIN 53572	%	*	6
Dynamic fatigue %	ISO 3385 / DIN 53574			
Hardness loss		%	*	32
Thickness loss		%	*	4
Resilience	ISO 4662 / DIN 53512	%	*	45
Fire retardent according to :				
MVSS 302	ISO 3795	mm/m max.		SE
Cal. Bulletin nr. 117, sec. A & D Furnishings (Fire) (Safety) Regulations 1988- Schedule 1, Part 1, ignition source 5.				
Colour				Beige
Standard block width, netto		mm		2020
Standard block height, netto +/- 5 %		mm		1050
Figures marked * = typical values				
Special for the grade:				
		Responsible.	AKH	
		Last updated	2004-03-01	



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Test Report

Material: Sample of polyurethane foam, received as specimens cut to the required dimensions.
The foam was stated to be combustion modified.

Designation: CME 32.
Density approx. 30 kg/m³

Sealed reference sample enclosed.

Sampling: The material was submitted by the client and received on 3 December 2003.

Method: BS 5852:Part 2:1982 using the flame retardant polyester fabric and crib ignition source 5 as specified in The Furniture and Furnishings (Fire)(Safety) Regulations 1988, Schedule 1, Part I (Great Britain).

Period: The testing was completed 12 December 2003.

Results: The polyurethane foam under test **meets** the requirements specified in Part I of Schedule 1 to Furniture and Furnishings (Fire)(Safety) Regulations 1988.

Details of the test are given on page 2 of this report.

Terms: The test has been performed according to the rear side conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation). The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

15 December 2003, Danish Technological Institute, Textile


Laila Lundtoft
Signatory


Birgitte Vilborg
Counter-signatory

Results, continued The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Two tests were carried out.

The flaming ceased within:

Test 1: 3 minutes
after ignition of the crib

Test 2: 3½ minutes

All smouldering ceased within:

Test 1: 8 minutes
after ignition of the crib.

Test 2: 8 minutes

The mass loss during testing was:

Test 1: 23 g

Test 2: 28 g

Requirements

1. All flaming to cease within 10 minutes after ignition of the crib.
2. All smouldering to cease within 60 minutes after ignition of the crib.
3. Mass loss during testing less than 60 g.