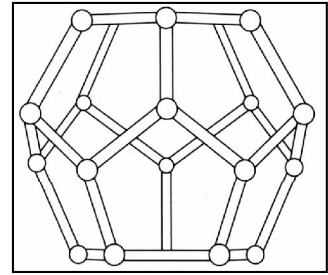


Zotefoams plc

Technical Information Sheet – TIS 05 (former T1) Summary of Specifications



This data sheet provides information on a range of specifications currently applicable to Plastazote®, Evazote® and Supazote® foams. Specifications may not apply to all variants within a particular density range. Details of individual grades and where relevant copies of test reports/certificates are available on request.

Table 1: Plastazote® foams

Application	Specification	Batch Approval ¹	LD15	LD18	LD24	LD29	LD33	LD45	LD60	LD70	MP24	MP33	MP45	HD30	HD60	HD80	HD115
Automotive ²	Flammability FMVSS 302	A+B	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Buoyancy ³	SOLAS 1974 – Survival Craft Material	A	x	x													
	BS EN 393, 5, 6, 9 : 1994 Clause 4.10.1 / Clause 4.10.2	A			x												
General Flammability ⁴	Furniture SI 1324 (1988), as amended by SI 2358 (1989) (BS 5852 source 2)	A			x		x	x									
	Furniture Furniture and Furnishings (Fire) (Safety) Regulations 1988 Schedule 4 Part I (BS 5852 -1:1979 source 0)	A			x		x	x									
Packaging	MOD Packaging General purpose DStan 81-116/3 Grade A Grade B Grade C	B			x		x	x									
	MOD Packaging Explosives compatible DStan 81-116/3 Type QX Grade A Grade B Grade C	B			x		x	x									
	MOD Packaging DStan 81-124/2	B					x										

Table 1 continued

Application	Specification	Batch Approval	LD15	LD18	LD24	LD29	LD33	LD45	LD60	LD70	MP24	MP33	MP45	HD30	HD60	HD80	HD115	
Packaging continued	US Military ⁵ A-A-59135 Class 1 Grade A	B			x	x	x	x	x	x								
	US Military ⁵ A-A-59136 Class 1 Grade A Type I Type III Type IV Type V	B					x	x		x						x	x	
Military	UK/SC/3767 Issue 5	A						x										
	UK/SC/4797 Issue 3	A															x	
Toxicity	Medical ⁶ ISO 10993 Parts 1, 5, 10, 18	A	x	x	x	x	x	x	x	x				x	x	x	x	
	WRAS ⁷ Approved for hot and cold water up to 50°C	A	x	x	x		x	x	x	x								
	WRAS ⁷ Approved for hot and cold water up to 85°C	A								x				x	x	x	x	
	Food Contact ⁸ EU Framework Regulation	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	X
	Food Contact ⁹ FDA	A	x	x	x	x	x	x	x	x								
	Toy Standard EN 71-3	A	x	x	x	x	x	x	x	x				x	x	x	x	x
	Packaging Heavy Metals (CONEG)	A	x	x	x	x	x	x	x	x								
	2002/95/EC 'RoHS'	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	

Table 2: Evazote® and Supazote® foams

Application	Specification	Batch Approval	EM 26	EV 30	EV 50	VA 25	VA 35	VA 65	VA 80	EV 45CN	EV 70CN
Automotive ²	Flammability FMVSS 302	A+B	x	x	x	x	x	x	x	x	x
Buoyancy ³	SOLAS 1974 – Lifejacket material	A				x					
	SOLAS 1974 – Survival Craft Material	A					x				
	BS EN 393, 5, 6, 9 : 1994 Clause 4.10.1 / Clause 4.10.2	A			x						
General Flammability ⁴	Furniture SI 1324 (1988), as amended by SI 2358 (1989) (BS 5852 source 2)	A			x		x				
	Furniture Furniture and Furnishings (Fire) (Safety) Regulations 1988 Schedule 4 Part I (BS 5852 -1:1979 source 0)	A			x		x				
Packaging	MOD Packaging DStan 81-119/3	B			x	x					
	MOD Packaging Conductive foam DStan 81-125/2	B								x	
Toxicity	Medical ⁶ ISO 10993 Parts 1, 5, 10, 18	A	x	x	x	x	x	x	x		
	WRAS ⁷ Approved for hot and cold water up to 50°C	A			x						
	WRAS ⁷ Approved for hot and cold water up to 85°C	A		x	x	x	x	x	x		
	Food Contact ⁸ EU Framework Regulation	A				x	x	x	x		
	Toy Standard EN 71-3	A	x	x	x	x	x				
	Packaging Heavy Metals (CONEG)	A								x	x
	2002/95/EC 'RoHS'	A	x	x	x	x	x	x	x	x	x

Table 3: Plastazote® with special properties

Application	Specification	Batch Approval	LD 24FR	LD 45FR	MP 15FR	LD 30SD	LD 40SD	LD 32CN	LD 50CN
Automotive ²	Flammability FMVSS 302	A+B	x	x	x	x	X	x	x
	FAR 25.853	B	x	x	x				
Aviation	AIMS. 04-14-000/ AIMS. 04-14-005	B			x				
	Construction DIN 4102 B1 B2	A	x x	x x	x x				
General Flammability ⁴	Furniture SI 1324 (1988), as amended by SI 2358 (1989) (BS 5852 source 2)	A		x					
	MOD Packaging Conductive foam DStan 81-125/3	B							x
Packaging	MOD Static Dissipative Foam DStan 93-117	B					x		
	Packaging Heavy Metals (CONEG)	A		x					
Toxicity	2002/95/EC 'RoHS'	A	x	x	x	x	x	x	x

This list is just a guideline and summarises materials that have been tested at the time of writing. If you have an inquiry regarding any material not listed in these tables or whether a certain material meets a standard that is not indicated in this table please contact our technical support team.

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ISO 9001:2000
FM 01870



ISO 14001
EMS 36270

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¹ Batch Approval:

A Batch Compliance - Products made to the same formulation and by the same manufacturing method as those supplied have been tested and found to comply with the appropriate requirements. Copies of the original test reports or authorisation are available on request.

B Batch Certification - Certificates are issued on the basis of the results of tests on the batch of product actually supplied. It is necessary to request such certification at the time of ordering.

² For further information on tests performed to automotive standards please refer to TIS 14 or contact our technical support team.

³ For further information on buoyancy testing please refer to TIS 21

⁴ For further information on flammability testing and burning behaviour of our materials please refer to TIS 11 and TIS 12

⁵ Only white materials

⁶ Not all colours have been tested. For further details please refer to TIS 25 or contact our technical support team.

⁷ Only white, black and grey foam.

⁸ Only certain colours. Please contact the technical support team for further information.

⁹ Only white foams