



flexible foams

Specification Uxtech®

V.2501

	Properties	Density	Tensile Strength	Elong.at Break	Compres Resist.	Cell count	Fire Retard
	DIN / ISO	845	1798	1798	3386		
	Unit	Kg/m3	KPa	%	KPa	PPI	* UL94HF1
Foam Type							
T-PPI1001.R		23-27	> 100	> 100	4,0	10	
T-PPI2001.R		23-27	> 120	> 90	4,0	20	
T-PPI3001.R		23-27	> 140	> 120	4.6	30	
T-PPI4501.R		23-27	> 140	> 280	4,0	45	
S-PPI1001.R		27-33	> 100	> 100	3-5	10	
S-PPI2001.R		27-33	> 100	> 150	2,5-4,0	20	
S-PPI2002.RD		> 55	> 200	> 35	70	15-25	
S-PPI3001.R		27-33	> 150	> 200	2,0-3,9	30	
S-PPI4501.R		29-32	> 150	> 150	3,0-4,5	45	
S-PPI6001.R		27-33	> 220	> 220	2,0-4,0	60	
S-PPI8001.R		27-33	> 250	> 250	2,0-4,0	80	
S-3302.F2B		27-33	> 140	> 110	3,5-5,5	41-53	* HF1
SAF-6001.H6		54-66	> 200	> 150	3,7 - 6,0		
SAF-6002.H7		54-66	> 190	> 140	4,6-10,7		
SAF-6501.H8F1		59-72	> 300	> 160	14-18		

Specification

OBS-1202.F3

V.1505

Properties	Method	Unit	Specification
Density	ISO 845	kg/m ³	8-11
Tensile strength	DIN 53571	kPa	> 120
Elongation at break	DIN 53571		> 10
Compressive strength 40%	DIN 53577	kPa	6 - 20
Thermal conductivity (10°C/ d=50mm)	DIN 52612	W/mK	0,035
Working Temperature Range			Max. 150
UVA stability	ISO 105 B02 NF 07076	class	Blue scale 7
Fire behavior	DIN 4102-1 DIN 54837 UL94 NF P 92-501 BS 476, part 6&7 FAR 25.853 ASTM E 662-83 FMVSS 302	class	B1 S4, SR2, ST2 94V-0 +94HF1 M1 Class 0 (a) pass pass pass
Sound absorption D=50mm/ f=2000Hz	DIN 52215	%	> 90
Electrical resistance	ASTM D257 Volume resistance Surface resistance DIN 53482	Ohm.cm Ohm Ohm	1 x 10 ¹¹ < 0,5 x 10 ¹² >1 x 10 ⁹
Colours standard			light grey

Specification

OBS-17501

V.1505

Properties	DIN EN ISO	Unit	Specifications
Density	845-88	kg/m ³	175 ± 25
Tensile strength	ISO 1798-97	kPa	≥ 400
Elongation at break	ISO 1798-97	%	≥ 150
Compression Strength defl. 25%	ASTMD 1056-78	kPa	35-63
Compression Strength defl. 50%	ASTMD 1056-78	kPa	80-160
Compress. Set 22h, 50%,23°C 100h ad.		%	8-25
Working Temperature Range		°C	-50 / +95
Water Absorption after 24 h.	ASTMD 1056-78	Vol%	< 3
Fire behavior	FMVSS 302		Pass
Chemical resistance	Dil. Acids Conc. Acids Oil & fuel Soda Natural fats Ozon		good poor moderate good moderate good
Color			Black