



flexible foams

Specification Redux®

V.2501

Foam Type OBS-1202.F3			
Properties	Method	Unit	Specification
Density	ISO 845	kg/m ³	42316
Thermal conductivity (d=50mm)	DIN52612	W/MK	<0,035
Cell size	BS 4443/1/4	PPI	130-200
Operating temperature		° C	Max. 150
UVA stability	ISO 105 B02	Class	Blue scale 7
Fire behavior	DIN 4102 UL94 NF P 92-501 FAR 25.853(a) ASTM E 662-83 FMVSS 302	Class	B1 94 v-0 & 94HF1 M1 (a) pass pass pass
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

Foam Type	Properties	Density kg/m ³	Tensile Strength kPa	Elongation at break %	Compressive Resistance kPa	Fire Retardant UL 94	Cellcount PPI
	ISO	845	1798	1798	3386-1		
S-2402	20-24	>170	>100	3,0-5,0			42190
S-3302.F23B	27-33	>140	>110	3,5-5,5		HF1	42223

Foam Type	ISO	845	1798	1798	3386	1856A
PPOL-6003		60	30	>55	42189	20
PPOL-8003		80	>50	>60	7,0-12	<20
PPOL-10003		100	60	>60	8-15	20
PPOL-12003		120	>70	>60	12-23	<20
PPOL-16003		160	>100	>75	30-60	<20
PPOL-20003		200	>160	>75	60-80	<20