



Maad PEX 30 FR

Technical Data

Properties	Result	Test Method
Density	32 kg/m ³	ASTM D3575-08 Suffix W ISO 845:2006
Compressive strenght	Vertical 25% 17 Kpa Vertical 50% 30 KPa	ASTM D3575-08 Suffix W ISO 7214:2007
Compressive strenght	25% (4th compression) 18 KPa 50% (4th compression) 30 KPa 70% (4th compression) 55 Kpa	ISO 3386 1986 part 1 DIN 53577
Compression set	(50% compression) <20% (25% compression) <10%	ASTM D3575-08 Suffix B ISO 1856:2000
Cell size	<10 Cells/mm	BS 4443/1 Met.4
Fire-test-response characteristic	Transportation F1 Class Automotive S3, SR2, ST2 Class FED (15')=0,02 FED (30')=0.05 Toxicity Index R1 – HL1 R10 – HL1, HL2 Pass Appliances & Electronics HF1 Class Building & Construction B1 Class	NF F 16-101 DIN 54837 DIN 5510-2 EN 45545-2 FMVSS 302 UL94 DIN 4102
Water pic kup by diffusion (RH>95% - after 28 days)	< 4 Volume %	UNI EN 12088
Thermal conductivity λ	23°C 0.104 W/mK -5°C 0.082 W/mK	ASTM D3575-08 Suffix V ISO 8301

Thermal stability (24hrs at 70°C)	<3%	ASTM D3575-08 S ISO 2796
Tensile strenght Peak	140 KPa	ASTM D3575-08 T ISO 1978
Tensile elongation	50%	ASTM D3575-08 T ISO 1978