

Typical Physical Properties

Physical Properties	Test Method	Unit	Typical Physical Properties
Compressive Strength Vertical@ 25% Vertical @ 50% (100mm/min compression speed)	ASTM D3575-08 Suffix D ISO 7214:2007	KPa	40 90
Compressive Strength 25% (4th compression) 50% (4th compression) 70% (4th compression) (100mm/min compression speed)	ISO 3386 1986 part 1 DIN 53577	KPa	28 83 200
Compression Set	ASTM D3575-08 Suffix B (50% compression)	%	< 10
Compressive Creep (1psi - 7kg/dm ²)	ASTM D3575-00 Suffix BB 168 hrs	%	< 10
Compressive Creep (1psi - 7kg/dm ²)	ASTM D3575-08 Suffix BB 1000 hrs	%	< 15
Cell Size	BS 4443/1 Met.4	Cells/25mm	> 21
Tensile Strength @ peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	KPa	325 290
Tensile Elongation (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	%	75 68
Thermal Conductivity	ASTM C-177 ISO 8301	W/mK	0,055
Water Absorption	ASTM D3575-08 Suffix L ISO 2896: 1986	Volume %	< 3
Thermal Stability (24hrs at 70°C)	ASTM D3575-08 Suffix S ISO2796	%	< 2
Fire-test response Characteristics (1) Transportation Automotive	FMVSS 302	-	Pass

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(1) These numerical laboratory fire-test response characteristics are not intended to reflect hazards presented by this material under actual fire conditions.