

Typical Physical Properties

Physical Properties	Test Method	Unit	Typical Physical Properties
Density	ASTM D3575-08 Suffix W ISO 845:2006	Kg/m ³	57
Compressive Strength Vertical @ 10% Vertical @ 25% Vertical @ 50% (100 m/min compression speed)	ASTM D3575-08 Suffix D ISO 7214:2007	KPa	100 120 190
Compressive Strength Vertical @ 25% (4th compression) Vertical @ 50% (4th compression) Vertical @ 70% (4th compression)	ISO 3386 1986 part 1 DIN 53577	KPa	35 110 310
Compression Set	ASTM D3575-08 Suffix B (50% compression) ISO 1856:2000 (25% compression)	%	< 20 < 10
Compressive Creep	ASTM D3575-08 Suffix BB 168 hrs	%	< 5 (3 psi / 21 kg/dm ²)
Compressive Creep	ASTM D3575-08 Suffix BB 1000 hrs	%	< 10 (5 psi / 35 kg/dm ²)
Thermal Stability	ASTM D3575-08 Suffix S ISO2796	%	< 2
Tensile Strength @ peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	KPa	303 296
Tensile Elongation (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	%	33 26
Tear Strength (MD/CD)	ASTM D3575-08 Suffix G	N/cm	26 17
Water Absorption	ASTM D3575-08 Suffix L ISO 2896: 1986	Volume %	< 1

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