

TDS Technical Data Sheet



Specifications	Method	Unit	Value
Thickness	IE-03	mm	105 ± 5
Length	IE-03	mm	2420 ± 40
Width	IE-03	mm	1210 ± 25
Density (Skin to Skin)	IE-04	kg/m ³	37 ± 5
Shore Hardness	IE-08	°°	N/A
Properties (average values)			
Elongation at Break	IE-06	%	159
Tensile Strength	IE-06	kPa	212
Compression Strength		IE-05	kPa
10% Compression			51
25% Compression/			68
50% Compression/			123
Compression Set 25%, 22h		IE-07	%
1/2 h Recovery			12
24 h Recovery			4
Cell Size	IE-09	mm	0,4
Water Absorption after 28 Days	DIN 53428	Vol%	2
Maximun Working Temperature	IE-02	°C	100
Thermal Conductivity		ISO 2581	W/mK
at 10°C			0,036
at 40°C			0,039
Flammability thickness 10 mm	ISO 3795	mm/min	≤ 100

The internal methods IE-03, IE-04, IE-05, IE-06 and IE-07 are based by standards ISO 1923, ISO 845, ISO 3386-1, ISO 1798 and ISO 1856-B, respectively

This Technical information does not constitute either a guarantee or an engagement. Only the SPECIFICATIONS require our engagement