

TDS Technical Data Sheet



Properties	Method	Value	Unit
Thickness		≥ 150	mm
Length		≥ 2000	mm
Width		≥ 1200	mm
Density		45	kg/m ³
Colour			Black
Compressive Strength			
	ISO 7214		
25% strain		120	kPa
50% strain		200	kPa
Tensile Strength	ISO 7214	550	kPa
Tensile elongation	ISO 7214	60	%
Compression set 25% - 22h loading			
	ISO 7214		
Stabilising 30 min		14	%
Stabilising 24 h		4	%
Compression set 50% - 22h loading			
	ISO 7214		
Stabilising 30 min		35	%
Stabilising 24 h		5	%
Tear Strength			
	ISO 8067-B	40	N/cm
Hardness Shore 00			
	ISO 868	72	Shore 00
Water absorbtion			
	DIN 53428	<1	%
Thermal conductivity			
	ISO 8301		
Test temperature 10°C		0.042	W/m-K
Test temperature 23°C		0.043	W/m-K
Service temperature			
	Internal	100	°C
Flammability			
	FMVSS302	<100mm/min	pass

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