

## Technical data sheet

Properties	Test method	Unit	ONGROFOAM PREMIUM
<b>Mechanical properties</b>			
Density	MSZ ISO 1183	g/cm <sup>3</sup>	0,50-0,55
Tensile strength	MSZ EN ISO 527- 1,2,	M P a	>12
Elongation at break	MSZ EN ISO 527- 1,2,	%	≈15
Modulus of elasticity	MSZ EN ISO 527- 1,2,	M P a	>750
Impact strength	MSZ EN ISO 179-2	kJ/m <sup>2</sup>	12
Shore D	MSZ EN ISO 868	-	>40
<b>Thermal properties</b>			
Vicat B	MSZ EN ISO 306	°C	74
		°F	165
Linear thermal expansion coefficient	DIN 53752	K <sup>-1</sup> x10 <sup>-4</sup>	0,75
Thermal conductivity	DIN 52612	W/mK	0,08
<b>Electronical properties</b>			
Dielectric strength	MSZ EN 60243-1	kV/mm	13
Surface resistivity	DIN 53482	Ohm	>5x10 <sup>14</sup>
<b>General properties</b>			
Fire rating	ISO 13501	-	C – s3, d0 (3-10 mm)
	DIN 4102 (D)	-	B1 (3 mm)
	CSE RF 3/77 (I)	-	Class1 (2-10 mm)
	NFP 92-501 (F)	-	M1 ( 2-10 mm)
	UL 94 (US)	-	V0
Water absorption	DIN 53495	%	<1
Working temperature range	-	°C	0-60
		°F	32-140

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All information in this technical data sheet is based on our best knowledge and personal experience. It should be therefore only be regarded as a guide and not be taken as any form of guarantee. It is the ultimate responsibility of the user to ensure the suitability of this product for his own particular use.