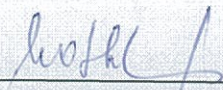


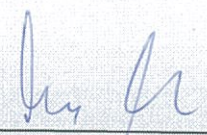
Technical data sheet

Properties	Test method	Unit	ONGRODUR IR-1
Mechanical properties			
Density	MSZ ISO 1183	g/cm ³	1,45
Tensile strength	MSZ EN ISO 527- 1,2,	M P a	>45
Elongation at reak	MSZ EN ISO 527- 1,2,	%	>25
Modulus of elasticity	MSZ EN ISO 527- 1,2,	M P a	>2500
Impact strength	MSZ EN ISO 179-2	-	no break
Impact strength at -20 °C	MSZ EN ISO 179-2	-	no break
Shore D	MSZ EN ISO 868	-	80
Thermal properties			
Vicat B	MSZ EN ISO 306	°C	79
		°F	174
Linear thermal expansion coefficient	DIN 53752	K ⁻¹ x10 ⁻⁴	0,7
Thermal conductivity	DIN 52612	W/mK	0,2
Electronical properties			
Dielectric strength	MSZ EN 60243-1	kV/mm	21
Surface resistivity	DIN 53482	Ohm	10 ¹³
General properties			
Fire rating	DIN 4102 (D)	-	B1 (1 – 4,5 mm)
	NFP 92-501 (F)	-	M1 (2 – 10 mm)
	BS 476 Part7 (GB)	-	Class 1 (1 – 20 mm)
	BS 476 Part6 (GB)	-	Class 0 (1 – 20 mm)
	UL 94 (US)	-	V0
Water absorption	DIN 53495	%	0,2
Working temperature range		°C	0-60
		°F	32-140

Kazincbarcika, 01.06.2018.


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