IEASY®

IEASY® Foam Print – Technical datasheet

Properties	Test method	Unit	IEASY® Foam Light
Mechanical properties			
Density	MSZ ISO 1183	g/cm^3	0,5
Tensile strength	MSZ EN ISO 527-1,2	M P a	>12
Elongation at reak	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^2	12
Shore D	MSZ EN ISO 868	-	>40
Thermal properties			
Vicat B	MSZ EN ISO 306	°C °F	72 162
Linear thermal expension	DIN 53753	$K^{-1}x10^{-4}$	0,75
Thermal conductivity	DIN 52612	W/mK	0,08
Electronical properties			
Dielectric strength	MSZ EN 60243-1	kV/mm	13
Surface resistivity	DIN 53482	Ohm	$>5x10^{14}$
General properties			
Fire rating	DIN 4102 (D) NFP 92-501 (F) UL 94 (US)	-	B1 (3mm) M1 (2-10mm) V0
Water absorption	DIN 53495	%	<1
Working temperature range	-	°C °F	0-60 32-140