



U-PVC Extruded Rectangular Bar

Property	Test	Unit	Value
Density	53479	g/cm ³	1.4
Tensile strength at break	53455	MPa	55
Elongation at break	53455	%	>18
Modulus of elasticity	53457	MPa	3000
Impact strength at 23°C	53453	Kj/m ²	4
Shore hardness	53505	Scala D	80
Vicat softening point	53460	°C	75
Linear thermal expansion coefficient	53752	k-1x10 ⁻⁴	0.8
Thermal conductivity	52612	W/Mk	0.14
Dialectrical strength	53481	Kv/mm	32
Surface resistivity	53482	Ohm	10 ¹³
Dielectric constant at 1MHz	53483	-	3
Fire behaviour	UL 94	-	V0
	4102	-	B1
Water absorption	53495	%	0.2
Non-toxicity	-	-	No
Bond ability	-	-	Yes
Working temperature range	-	°C	55