

PVC Rod - Technical Data Sheet



the people for plastics

Mechanical	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
Notched impact strength at 23°C	53453	Kj/M ²	4
Shore hardness	53505	Scala D	80

Thermal	Test	Unit	Value
VICAT softening point	53460	°C	75
Coefficient of linear thermal expansion	53752	K ¹ x10 4	0,8
Thermal conductivity	52612	W/mk	0,14
Crystalline grain melting point		°C	
Cold brittle temperature		°C	

Electrical	Test	Unit	Value
Dialectical strength	53481	Kv/mm	32
Surface resistivity	53482	Ohm	1013
Dielectric constant at 1MHz	53483		3

General	Test	Unit	Value
Fire behaviour	UL94		V0
	4102		B1
Water absorption	53495	%	0,2
non-toxicity			No
Bond ability			Yes
Working temperature range		°C	55