



## U-PVC Extruded Weld Rod – Black/Red/Ivory/Grey

# Bay Plastics Datasheet

Property	Test	Unit	Value
Density	MSZ ISO 1183	g/cm <sup>3</sup>	1.45
Tensile strength	MSZ EN ISO 527-1,2,3	MPa	>45
Elongation at break	MSZ EN ISO 527-1,2,3	%	>25
Modulus of elasticity	MSZ EN ISO 527-1,2,3	MPa	>3500
Impact strength at 23°C	MSZ EN ISO 179-2	-	No break
Impact strength at -20°C	MSZ EN ISO 179-2	-	-
Shore D	MSZ EN ISO 868	-	80
Vicat B	MSZ EN ISO 306	°C	80
Linear thermal expansion coefficient	DIN 53752	k-1x10 <sup>-4</sup>	0.7
Thermal conductivity	DIN 52612	W.Mk	0.2
Dielectric strength	MSZ EN ISO 60243-1	kV/mm	31
Surface resistivity	DIN 53482	Ohm	10 <sup>13</sup>
Fire rating	DIN 4102 (D)	-	B1
	CSI/0079/06/RF (I)	-	Class 1
	NFP 92-507 (F)	-	M1
	BS 476 Part 7 (GB)	-	Class 1
	UL 94 (US)	-	V0
Water absorption	DIN 53495	%	0.2
Working temperature range	-	°C	5 - 50