

Electric Wires & Cables RoHS Compliant

Properties	Specification			Unit	Test method
Application	Sheath	Sheath	Sheath		
PVC type	PVC/A	ST2	ST2 FR		
Cable type	THW	CV Cable	CV Cable		
Hardness 6 mm thickness					JIS K 7215
HD A (10 secs)	87-93	88-94	95-100??		
HD A (15 secs)	84-90	87-93	94-99??		
Specific gravity	1.43-1.53	1.34-1.44	1.49-1.59		JIS K 7112
Tension Test (before aging)					IEC 60811-1-1
Tensile strength at break	≥12.5	≥12.5	≥12.5	Mpa	
Elongation at break	≥150	≥150	≥150	%	
Heat aging resistance					
100±2°c 7 days					
Tensile strength at break	≥12.5	≥12.5	≥12.5	Mpa	IEC 60811-1-1
Elongation at break	≥150	≥150	≥150	%	IEC 60811-1-1
Tensile strength change rate	≤25	≤25	≤25	%	IEC 60811-1-2
Elongation change rate	≤25	≤25	≤25	%	IEC 60811-1-2
Loss of mass	≤1.5	≤1.5	≤1.5	mg/cm2	IEC 60811-3-2
volume resistivity at 30°c	≥10 ¹³	≥10 ¹³	≥10 ¹³	Ohm-cm	JIS K 6723
Oxygen index	-	37	37	%	JIS K 7201

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