

PVC COMPOUNDS – SHEATHING

Properties	Type as Per IS:5831					Application	Hardness	Specific Gravity	Thermal Stability @ 200°C	Volume Resistivity @ 27°C	Tensile Strength	Elongation	% Change After Ageing			Mass Loss	Processing Conditions
	A	B	C	ST1	ST2								Conditions	TS	EL		
Test Method							DIN 5305	ASTMD792		ASTMD257	IS:10810	IS:10810	IS:10810			IS:10810	
Units							Shore A		Minutes	x10 ¹³ Ohm. Cm	Kg/cm ²	%	°C, Days	%	%	mg/cm ²	°C
SHEATHING																	
KN-8						General Purpose Sheathing	86	1.5	75	5.0	125	150	80, 7	±20	±20	1><2	150-180
KN-85						General Purpose Sheathing	88	1.48	80	5.0	180	200	80, 7	±20	±20	1><2	160-185
KV-1002						General Purpose Sheathing	86	1.46	80	10.0	175	200	80, 7	±20	±20	1><2	150-180
KV-1002-2						Sheathing	85	1.44	100	10.0	175	200	100, 7	±20	±20	1><2	150-180
KN-5B						Sheathing	85	1.37	130	10.0	210	280	100, 7	±20	±20	1><2	150-180
KN-30						Flexible Sheathing	75	1.38	100	5.0	200	250	100, 7	±20	±20	1><2	140-165
LEAD FREE SHEATHING																	
KV-1006-NL1						Non-Lead Sheathing	86	1.44	80	2.0	175	200	80, 7	±20	±20	1><2	150-180
KV-2007A-NL2						Non-Lead Sheathing	88	1.42	60	0.5	150	175	100, 7	±20	±20	1><2	160-185
KV-1005-NL1						Non-Lead Sheathing	87	1.39	100	10.0	170	280	100, 7	±20	±20	1><2	160-185
KV-4005-NL1						Non-Lead, Tubing/Hose	78	1.36	80		110	300					145-175



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