



TECHNOVINYL POLYMERS(I)LTD.



TECHNICAL DATA SHEET

K-Vinyl High Performance PVC Compound

AVSS WIRING HARNESS FOR THIN WALL & HIGH SPEED CABLE EXTRUSION
Automotive wire & cable Heat Resistant ROHS - Lead Free

Typical Properties	105 Deg C Rating Insulation	125 Deg C Rating Insulation	Standard
PYHSYCAL			
Specific Gravity	1.3	1.32	ASTM D792
MECHANICAL			
Shore Hardness A	89	91	ASTM D2240
Tensile Strength, MPa	16.8	17.6	ASTM D638
Elongation at Break	300	290	ASTM D638
Low Temp. Brittleness, Deg C	-27	-27	ASTM D-746
120°C for 5 days ageing			
Tensile Strength, % change	± 12	± 12	ASTM D638
Elongation at Break, % change	± 12	± 12	ASTM D638
THERMAL			
Thermal Stability @ 200°C, minutes	100	100	-
Volatile Loss @ 130°C for 3 hrs., %	< 0.5	< 0.5	-
ELECTRICAL			
Volume Resistivity, Ohm.cm	13.5 x 10 ¹³	13.5 x 10 ¹³	ASTM D 257

* Confirming to ISO/DIS 6722 class C

* Meets AVSS requirement of JASO D 611