



TECHNOVINYL POLYMERS(I)LTD.



TECHNICAL DATA SHEET

K-Vinyl High Performance PVC Compound

**General Purpose wire & Cable dry electrical application
(ROHS Compliant - Lead Free)**

	70 Deg C Rating			80 Deg C Rating	90 Deg C Rating	105 Deg C Rating	
	Insulation		Sheathing	Insulation	Insulation	Insulation	
Specific Gravity	1.44	1.47	1.47	1.4	1.4	1.32	1.32
Sh A Hardness	90	85	85	85	88	90	85
Tensile Strength, Mpa	16.17	13.18	13.34	14.02	14.09	16.49	15.47
Elongation at Break, %	232	227	231	249	247	282	288
Low Temp. Brittleness, Deg C	-13	-18	-18	-19	-19	-23	-26
100 deg C for 7 days ageing							
Tensile Strength, %	-	-	-	14.99	14.93	17.9	16.7
Elongation at Break, %	-	-	-	209	207	251	262