



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**K-Vinyl High Performance PVC Compound**

**UL 62 wire & Cable wet electrical application (ROHS Compliant - Lead Free)**

	60 Deg C Rating			70 Deg C Rating			80 Deg C Rating	90 Deg C Rating	105 Deg C Rating	
	Insulation			Insulation			Insulation	Insulation	Insulation	
Specific Gravity	1.38	1.4	0.139	1.4	1.39	1.38	1.4	1.4	1.32	1.32
Shore Hardness A	85	80	75	85	80	75	85	88	90	85
Tensile Strength, Mpa	14.8	12.9	12	15	12.9	12	14.7	14.8	16.8	16
Elongation at Break, %	250	275	299	250	273	293	249	247	282	288
Low Temp. Brittleness, Deg C	-20	-30	-31	-19	-26	-31	-19	-19	-23	-26
<b>100 deg C for 7 days ageing</b>										
Tensile Strength, %	17.76	14.52	12.14	15.07	13.59	12.27	14.99	14.93	17.64	16.7
Elongation at Break, %	105	154	206	210	251	264	209	207	251	262