



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**K-FLEX RUBBERISED PVC FOR INDUSTRIAL SAFETY SOLES**

**PRODUCT CODE NO. 3055**

Original Physical Properties		Specification requirement DIN 4843 BS 6159
Specific Gravity	1.14 – 1.16	-
Hardness Shore A	55	52 - 66
Modulus at 100% Elongation MPa	4	2 - 4.5
Tensile Strength MPa	15.0	-
Ultimate Elongation %	440.0	Min 300
Tear Resistance (DIN 53507)kN/m	13.0	Min 10
Flexibility at -10°C (DIN 53543)		
Cut growth After 30000 Cycles (MM)	0.0	Max 2
Abrasion Loss (DIN 53516) MM <sup>3</sup>	110.0	Max 125
Electrical resistivity (DIN 4843)M OHM	75.0	0.1 - 100
<b>Change in Properties After Ageing</b>		
Aged in Fuel A, 22 Hrs at 22°C		
Volume change %	-0.3	Max 10
Aged in Air, 24 Hrs at 100°C		
Volume Change %	0.6	Max 1.6



TECHNOVINYL POLYMERS(I)LTD.



## TECHNICAL DATA SHEET

### Features:

1. Excellent Heat & Oil Resistant
2. Excellent Low Temperature Flexibility
3. Resistant to Acids, Alkalies and Chemicals
4. Excellent wet & dry Skid Resistance
5. Excellent Cut Growth Resistance
6. Excellent Abrasion Resistance
7. Dynamic Flex Fatigue Life
8. Antistatic
9. Suitable for unit soles and direct injection on to upper

**Product Code No. 3055 confirms to Din 4843 and BS 6159 specifications.**

**Product Code No. 3355 is total matt & dry finish**