



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**PVC FOOTWEAR COMPOUNDS**

	FOAM	SUPER FOAM	COMPACT	SUPER COMPACT
	KSM-55	KSF-54	KST-60	KST-58
HARDNESS SHORE A	55	54	60	58
SPECIFIC GRAVITY	1.19	1.16	1.21	1.16
SPECIFIC GRAVITY AFTER BLOWING	0.65	0.55	-	-
TENSILE STRENGTH, KG/CM <sup>2</sup>	131	135	145	155
ELONGATION, %	415	430	400	420
HEAT AGEING LOSS 130 <sup>o</sup> C/3HRS., %	0.8	0.6	0.7	0.6
SPECIFIC DURABILITY INDEX (SATRA)	1.2	1.6	1.8	2.4
ABRASION RESISTANCE, VOLUME LOSS (MM <sup>3</sup> ) AS PER DIN 53516	- 140	- 132	- 130	- 124
<b><u>AFTER HEAT AGEING @ 100<sup>o</sup>C FOR 7 DAYS</u></b>				
TENSILE STRENGTH, KG/CM <sup>2</sup>	254	240	271	260
ELONGATION, %	199	220	180	218
<b><u>SLIP RESISTANCE INDEX (SATRA)</u></b>				
WET	0.48	0.56	0.47	0.54
DRY	0.55	0.62	0.52	0.60