



# KM PVC Setting Block

## Ti-1 Polyvinyl chloride Compound Grade

### Technical Performance

Properties	Unit	BS 7655 : 1993 Specified value	Measured Value	Test Method
Tensile Strength	N/mm <sup>2</sup> / Kg/cm	Min 12.5	20.54 / 209.51	B.S.-2782 / 301D
Elongation at Break	%	Min 125	246.15	
Insulation Resistance Constant (K value) at room temperature	Ohm-cm	Min 70	286.90	
Specific Gravity	-	1.46 ± 0.03	1.48	
Shore A Hardness	-	90 ± 3	90	
Resistance to cracking at 150 ± 2°C	-	-	No cracks	
Low Temperature bend test at -15 ± 2°C	-	-	No cracks	
Flammability	-	-	Low flammability, glowing 1 second	
Melting Temperature	°C	-	120	
Burning Temperature	°C	-	Above 200	
Properties after ageing for 7 days at 80 ± 2°C (B.S.-6469 / 2.3)				
Tensile Strength Variation	%	Max 20	5-15	
Elongation at Break Variation	%	Max 20	5-15	
Loss in Weight	Mg/cm <sup>2</sup>	Max 2.0	0.6 – 1.5	

### Note:

- Tested in accordance to the requirements under BS 7655-Section3-1993, for the above mentioned.
- The tests were conducted on specimens obtained from sheets mold from pallet
- For cable and wire insulation application / B.S 7655:1993