

*Polyvinyl Chloride Compound*

**CW 42 is a general purpose sheathing grade.**

PROPERTIES	STANDARD	UNIT	TYPICAL VALUE
<b>PHYSICAL</b>			
Appearance			Granular
Specific Gravity	ASTM D 792		1.49 ± 0.03
<b>MECHANICAL</b>			
Hardness	ASTM D 2240	Shore A	88 ± 3
Tensile Strength (min.)	IS 10810	MPa	15
Elongation at Break (min.)	IS 10810	%	200
Properties after ageing at 100 °C for 7 days			
Variation in Tensile Strength	IS 10810	%	± 20
Variation in Elongation at Break	IS 10810	%	± 20
Loss of Mass	IS 10810	mg/cm <sup>2</sup>	2 (max.)
<b>THERMAL</b>			
Thermal Stability @ 200 °C (min.)	IS 5831	Minutes	100
<b>ELECTRICAL</b>			
Volume Resistivity (min.)	ASTM D 257	Ohm.cm	2 x 10 <sup>13</sup>
<b>PROCESSING INFORMATION</b>			
Temperature Range		°C	150–185
<b>For better results pre-drying of granules is recommended @ 75 ± 5°C for approximately 15 minutes</b>			

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