

*Polyvinyl Chloride Compound*

**CW 40 is a soft grade designed for use in sheathing application.**

PROPERTIES	STANDARD	UNIT	TYPICAL VALUE
<b>PHYSICAL</b>			
Appearance			Granular
Specific Gravity	ASTM D 792		1.45 ± 0.03
<b>MECHANICAL</b>			
Hardness	ASTM D 2240	Shore A	79 ± 3
Tensile Strength (min.)	IS 10810	MPa	14
Elongation at Break (min.)	IS 10810	%	280
Properties after ageing at 80 °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	50
<b>ELECTRICAL</b>			
Volume Resistivity (min.)	ASTM D 257	Ohm.cm	5 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>			

Important: The technical data herein is believed to be accurate and Shriram Axiall makes no representation of any kind with respect to the information contained in the document about its accuracy, suitability for a particular application or results obtained or obtainable using this information. These values and sets of properties are based upon laboratory work with small scale equipment and do not necessarily indicate end product performance. Full scale testing and end product use and performance are the responsibility of the Buyer. Buyer assumes all risk of use, storage and handling of the product. **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, and patents. Reported data are typical values and are not to be construed as product specifications.

Rev: June 2015

Email: [info@shriramaxiall.com](mailto:info@shriramaxiall.com)

Phone: +91 124 4632100