

Polyvinyl Chloride Compound

CW 34 is an extra soft grade designed for use in sheathing of Co-axial TV Cables.

PROPERTIES	STANDARD	UNIT	TYPICAL VALUE
PHYSICAL			
Appearance			Granular
Specific Gravity	ASTM D 792		1.45 ± 0.03
MECHANICAL			
Hardness	ASTM D 2240	Shore A	82 ± 3
Tensile Strength (min.)	IS 10810	MPa	15
Elongation at Break (min.)	IS 10810	%	250
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 ²	2 (max.)
THERMAL			
Thermal Stability @ 200 °C (min.)	IS 5831	Minutes	50
PROCESSING INFORMATION			
Temperature Range		°C	155–185
For better results pre-drying of granules is recommended @ 75 ± 5°C for approximately 15 minutes			

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