



PVC wire and cable compound

Technical Data Sheet

Product Code : **PLC-HR105**
Application : Heat Resistant Insulation (105 °C).
Colour : Natural
Specification : IS: 5831-84 Type C.

Properties

Tests	Typical Value	Unit	Test Method
Density	1.35 ± 0.03	kg/m ³	ASTM D 792
Hardness	90 ± 3	Shore A	ASTM D2240
Thermal Stability @ 200 °C	210	Min	ASTMD 2115
Tensile Strength (*) min.	17	Mpa	BS EN 60811
Elongation @ Break (*) min.	240	%	BS EN 60811
Maximum Variation after aging @ 135 °C for 168 hr.			
Tensile Strength	±20	%	BS EN 60811
Elongation @Break	±20	%	BS EN 60811
Loss of Mass @ 135°C 7 days	2 max.	Mg/cm ²	BS EN 60811
Volume resistivity	6.0X10 ¹³	Ohm-cm	ASTM-D 257

(*) Determined on 0.8 mm extruded tape

Processing Temperature: 155 °C to 180 °C, Pre-drying @75 °C for 20 minutes is preferred for better performance

Packaging:

PLC-HR105 pellets are available in 25 kg moisture-resistant lined sacks.