



PVC wire and cable compound

Technical Data Sheet

Product Code : **PLC-70**
Application : General purpose Insulation.
Colour : Natural
Specification : BS EN 50363-3 TI 1

Properties

Tests	Typical Value	Unit	Test Method
Density	1.40 ± 0.03	kg/m ³	ASTM D 792
Hardness	90 ± 3	Shore A	ASTM D2240
Thermal Stability @ 200 °C	95	Min	ASTMD 2115
Tensile Strength (*) min.	15	Mpa	BS EN 60811
Elongation @ Break (*) min.	240	%	BS EN 60811
Maximum Variation after aging @ 80 °C for 168 hr.			
Tensile Strength	±20	%	BS EN 60811
Elongation @Break	±20	%	BS EN 60811
Loss of Mass @ 80°C 7 days	2 max.	Mg/cm ²	BS EN 60811
<u>Volume resistivity</u>	<u>>2.0X10¹³</u>	<u>Ohm-cm</u>	<u>ASTM-D 257</u>

(*) 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-70 pellets are available in 25 kg moisture-resistant lined sacks.