



## PVC wire and cable compound

### Technical Data Sheet

**Product Code** : PLC-70HG  
**Application** : Cable Insulation.  
**Colour** : Natural  
**Specification** : BS EN 50363-3 TI 1, IS 5831 Type A

### Properties

Tests	Typical Value	Unit	Test Method
Density	1.31 ± 0.03	kg/m <sup>3</sup>	ASTM D 792
Hardness	90 ± 3	Shore A	ASTM D2240
Thermal Stability @ 200 °C	100	Min	ASTMD 2115
Tensile Strength (*) min.	19	Mpa	BS EN 60811
Elongation @ Break (*) min.	210	%	BS EN 60811
<b>Maximum Variation after aging @ 80 °C for 168 hr.</b>			
Tensile Strength	±20	%	BS EN 60811
Elongation @Break	±20	%	BS EN 60811
Loss of Mass @ 80°C 7 days	2 max.	Mg/cm <sup>2</sup>	BS EN 60811
Volume resistivity	5 X10 <sup>13</sup>	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-70HG pellets are available in 25 kg moisture-resistant lined sacks.