

## Polyvinyl Chloride (PVC)

Grade: **PC-GP02** | Application: **Wires & Cables**

**Material Description:** This material is best suited for general purpose wires application has high thermal stability, excellent strength made with high quality raw materials. Can be used in both insulation and sheathing according to customer's requirement.

### General Information

Material Status		● Active					
Availability		● Asia Pacific	● Africa				
		● Europe	● Middle East				
Features		● Ultra Smoothness	● Low Cost	● High Flexibility			
Form		● Pellets					
Processing Method		● Extrusion					

### ASTM & ISO PROPERTIES

Physical			Test Method	Unit	Nominal
Density/Specific gravity			ASTM - D - 792		1.55 ± 0.03
<b>Mechanical</b>					
Tensile At Break			IS : 10810	Mpa	≥ 14.0
Elongation At Break			IS : 10810	%	≥ 240
Hardness			ASTM - D 2240	Shore A	85± 2
Thermal Stability @200° C			IS : 10810	Minutes	≥ 80
Volume Resistivity @270°C			IS : 3396 / 79	Ohm - cm	≥ 5x10 <sup>13</sup>
<b>Processing Temperature</b>				°C	130 -170

**Notes:** Test specimen made after milling the granules and then in compression mould at 160 °C for 10 min with 200kg / cm<sup>2</sup> hydraulic pressure.

**Additional Information:** N/A

**Packaging:** Available in 25 kg woven sacks bag with PE liner to prevent moisture or in 1000kg jumbo bags.

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