

## Polyvinyl Chloride (PVC)

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

**Material Discription:-** This material is best suited for Anti Rodent 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 Softness		● Low Cost		● High Flexibility	
Form		● Pellets					
Processing Method		● Extrusion					

### ASTM & ISO PROPERTIES

Physical			Test Method	Unit	Nominal
Density/Specific gravity			ASTM - D - 792		1.46 ± 0.03
<b>Mechanical</b>					
Tensile At Break			IS : 10810	Mpa	≥ 14.0
Elongation At Break			IS : 10810	%	≥ 250
<b>Hardness</b>					
Shore A			ASTM - D - 792	Shore A	90 ± 2
Thermal Stability@200 <sup>0</sup> C			IS : 10810	Minutes	≥ 100
Thermal Stability@200 <sup>0</sup> C			IS : 10810	Minutes	≥ 100
Variation of T.S			IS : 10810	%	≤ ± 18.0
Variation of E.B			IS : 10810	%	≤ ± 18.0
Mass Loss on Ageing			IS : 10810	mg/cm <sup>2</sup>	≤ 1.25
Elongation test at (-) 15 <sup>0</sup> C			EN 60811-1-4	%	≥ 20
Temperature				<sup>0</sup> C	100

### Additional Information

**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

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