

Polyvinyl Chloride (PVC)

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

Material Description: This material is best suited for Anti Termite 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		1.47±0.02
Mechanical				
Tensile At Break (Before Ageing)		IS : 10810	Mpa	16
Elongation At Break (Before Ageing)		IS : 10810	%	300
Hardness		ASTM - D 2240	Shore A	85± 2
Thermal Stability @200° C± 0. 5°C		IS : 10810	Minutes	110
After ageing @ 80°C ± 2°C for 7 days				
After ageing Tensile strength		IS : 10810	%	16.4
Variation in Tensile strength		IS : 10810	%	2.5
After aging Elongation		IS : 10810	%	285
Variation in Elongation		IS : 10810	%	-5
Loss Of Mass In Air Oven @ 80°C ± 2°C for 7 days				
Loss Of Mass		IS : 10810	mg/cm2	0.7

Notes: Test specimen made after milling the granules and then in compression mould at 160 °C for 10 min with 200kg / cm² 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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