



TECHNOVINYL POLYMERS(I)LTD.
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TECHNICAL DATA SHEET

THERMOPLASTICS EPR FOR WIRE AND CABLE COMPOUND

PROPERTIES	UNITS	PRODUCT CODE NO.			
		INSULATON EPR 5088	SHEATHING EPR 5064	INSULATION EPR 5082	SHEATHING EPR 5067
HARDNESS	Shore A	88	64	82	67
TENSILE STRENGTH	kg/cm ²	160	96	120	120
DENSITY	-	1.0	0.9	1.19	1.10
ELONGATION	%	650	650	650	600
TEAR STRENGTH	kg/cm ²	58	56	58	30
COLOR	-	Natural			
OZONE RESISTANCE	-	Excellent			
USAGE TEMP.	°C	135	135	125	130
FIRE RETARDANT	UL	-	-	V-0	V-0
ELECTRICAL PROPERTIES	EPR Grades are highly insulating. Typical volume resistivities are in the order of 10 ¹⁵ Ω with a dielectric strength of 0.6 - 0.95 KV/mm				

Note : Pre-colour material will be available based on order quantity minimum 500 kgs

<u>Characteristics :</u>	<u>Application</u>
<ul style="list-style-type: none"> ○ U. V. resistance ○ Selected solvent resistance ○ Abrasion resistance ○ Low temperature flexibility ○ Good electrical properties 	<ul style="list-style-type: none"> ○ Insulation wires for automobile ○ Flexible cords (105 °C) ○ Plus ○ Hose ○ Grip
Grade No. : EPR 5082 INSULATION AND EPR 5067 SHEATHING is <u>Flame retardant</u>	

Manufactures Of :

Thermoplastic Elastomers

Hi Performance PVC Compounds

PP Compounds

Speciality Polymers