



TECHNOVINYL POLYMERS(I)LTD.



**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 <sup>2</sup>	160	96	120	120
DENSITY	-	1.0	0.9	1.19	1.10
ELONGATION	%	650	650	650	600
TEAR STRENGTH	kg/cm <sup>2</sup>	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 <sup>15</sup> 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**

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