



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 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

Characteristics : - o U. V. resistance - o Selected solvent resistance - o Abrasion resistance - o Low temperature flexibility - o Good electrical properties	Application - o Insulation wires for automobile - o Flexible cords (105 °C) - o Plus - o Hose - o Grip
Grade No. : EPR 5082 INSULATION AND EPR 5067 SHEATHING is <u>Flame retardant</u>	