

# K-Prene INSULATION EPR 5082

Melt Processable Rubber  
Technovinyl Polymers India Ltd.

Message:

K-Prene INSULATION EPR 5082 is a Melt Processable Rubber (MPR) material. It is available in Africa & Middle East.

Important attributes of K-Prene INSULATION EPR 5082 are:

- Flame Rated
- Flame Retardant
- Chemical Resistant
- Good Flexibility
- Good UV Resistance

Typical applications include:

- Wire & Cable
- Automotive
- Handles
- Hose/Tubing

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Electrical Properties		
	Good UV Resistance		
	Low Temperature Flexibility		
	Solvent Resistant		
Uses	Automotive Electronics		
	Flexible Cord Insulation		
	Flexible Grips		
	Hose		
	Insulation		
	Wire & Cable Applications		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm <sup>3</sup>	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.8	MPa	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Tear Strength	83.4	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257

Dielectric Strength	0.60 to 0.95	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information	Nominal Value	Unit	
Ozone Resistance	Excellent		
Usage - Temperature	125	°C	

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#### Recommended distributors for this material

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