



R.E. Carroll, Inc.

Raw Materials • Fillers • Petroleum Products

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Product Information

• Product Information For KEPR SERIES

▶ EMPM (Terpolymer) | KEP-960(F)

KEP-960(F), containing 50PHR of paraffinic oil, has a high ethylene and very high molecular weight. With retaining mechanical properties and high green strength even in high filler loading condition, KEP-960(F) is widely used in applications where special mechanical properties are required. Besides, KEP-960(F) offers good physical properties when blended with SBR. Main applications of KEP-960(F) are window seals, extruded products, automobile parts, and general molding goods. Product is delivered to be in dense bale, KEP960, and friable bale, KEP-960F.

Polymer Properties

Properties	Units	Typical values	Test Method
Molecular Weight Distribution (MWD)	-	Medium	
Specific Gravity		0.87	
Cure Speed		fast	
Typical Properties			
Volatile Content	wt-%	0.42	ASTM D 1416
Ash Content	wt-%	0.03	ASTM D 1416
Ethylene Content	wt-%	70.0	ASTM D 3900-95
ENB Content	wt-%	5.7	ASTM D 6047
Oil Content	PHR	50.0	
Raw Rubber Mooney Viscosity (ML 1+8, 125°C milled)	MU	49.0	ASTM D 1646-95
Product Form	Bale	35Kg	
	Friable bale	25Kg	

Remarks : The above values in the table are typical data, Not specifications.

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