

RoyalEdge® 5040

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

Message:

A High Ethylene, Low Viscosity Polymer with High Green Strength for Wire and Cable Applications

Unique Features

Excellent processing at low filler loadings without oil

Excellent wet electrical stability

Applications

Medium to high voltage insulations

Molded electrical components

Automotive ignition wire

General Information			
Features	Low viscosity		
	Workability, good		
	Wide molecular weight distribution		
	Good strength		
Uses	Electrical/Electronic Applications		
	Electrical components		
	Wire and cable applications		
	High voltage insulation		
	Automotive Electronics		
	Medium voltage insulation		
Agency Ratings	FDA 21 CFR 177.2600		
	FDA not rated		
Appearance	White-like		
Forms	bag		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm ³	ASTM D792
Mooney Viscosity ¹ (ML 1+4, 125°C)	30	MU	Internal method
Stabilizer	Non-staining		
Molecular Weight Distribution	Very Broad		Internal method
Volatile Matter		wt%	Internal method
Additional Information			
E/P weight ratio, internal standard ZS 1231: 75/25DCPD Weight %, internal standard ZS 1222: 2.8			
NOTE			
1.	Milled		

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