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# RoyalEdge<sup>®</sup> 5041 EPDM

# Product Data

"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

### Raw Polymer Properties and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML (1+4)/125°C (Milled)	ZS 1223B	20	30	—
E/P Weight Ratio.....	ZS 1231	—	—	75/25
DCPD, Weight % .....	ZS 1222	—	—	2.8
Molecular Weight Distribution .....	ZS 1296A	—	—	Very Broad
Volatile Matter, Weight %.....	ZS 1008K	—	0.30	—
Ash, Weight % .....	ZS 1005	—	0.15	—
Stabilizer .....	—	—	—	Non-Staining
Specific Gravity, g/cc .....	ASTM D-792	—	—	0.87
Color .....	ZS 1072A	—	—	Off White
Physical Form 1/8 inch (3 mm) Pellets .....	—	—	—	Free Flowing Pellets
Packaging (Bag), lbs./bag.....	—	—	—	50 (23 kg)
Packaging, lbs/skid (Net) .....	—	—	—	2000 (908 kg)
Packaging (Bulk), lbs. per box/skid.....	—	—	—	1000 (454 kg)

\* Company Test Methods

RE-5041

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