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# Royalene® 510 EPDM

# Product Data

"A High Ethylene Polymer with Good Green Strength  
for Wire and Cable and Extruded Profiles"

### Unique Features

- ▶ Excellent Dry and Wet Electrical Stability
- ▶ Highly Extendable
- ▶ Very High Green Strength over a Broad Temperature Range

### Applications

- ▶ Flexible Cord and Ignition Wire Insulations
- ▶ Automotive
- ▶ Hose Tubes
- ▶ Weatherstrip
- ▶ Thermoplastics Compounds/TPV

### Raw Polymer Properties and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	60	70	—
E/P Weight Ratio.....	ZS 1231	—	—	74/26
ENB, Weight % .....	ZS 1222	—	—	4.5
Molecular Weight Distribution .....	ZS 1296A	—	—	Narrow
Volatile Matter, Weight %.....	ZS 1008K	—	1.0	—
Stabilizer .....	—	—	—	Non-Staining
Specific Gravity, g/cc .....	ASTM D-792	—	—	0.86
Color .....	ZS 1072A	—	—	Off-White
Physical Form, lbs/bale.....	—	—	—	55.1 (25 kg) Friable bale

\* Company Test Methods  
R 510

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