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Royalene® 547 EPDM

Product Data

" An Ultra Fast Curing Polymer for Automotive Extrusions "

Unique Features

- ▶ High unsaturation - Ultra fast cure rate
- ▶ Excellent compression set resistance in closed cell sponge extrusions
- ▶ Excellent low temperature properties
- ▶ Co-cures well with SBR
- ▶ Non-staining
- ▶ Friable bale form for rapid mixing in internal mixers and excellent dispersion properties
- ▶ Excellent weathering resistance

Applications

- ▶ Closed cell sponge profile extrusions
- ▶ Closed cell sheet sponge
- ▶ Automotive window channel extrusions

Raw Polymer Properties and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	75	85	80
E/P Weight Ratio	ZS 1231	—	—	63/37
ENB, Weight %	ZS 1222	9.5	10.5	10.0
Molecular Weight Distribution	ZS 1296A	—	—	Medium
Volatile Matter, Weight %	ZS 1008K	—	0.7	—
Ash, Weight %	ZS 1005	—	0.15	—
Stabilizer	—	—	—	Non-Staining
Specific Gravity, g/cc	ASTM D-792	—	—	0.86
Color	ZS 1072A	—	—	Light Amber
Physical Form, lbs/bale	—	—	—	55.1 (25 kg) (Friable bale)
Packaging, lbs/skid (Net)	—	—	—	1653 (750 kg)

* Company Test Methods

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