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Royalene® 580HT EPDM

Product Data

" An Excellent Polymer for Heat Resistant Thermoset Applications and TPO Products"

Unique Features

- ▶ Excellent heat aging properties, especially with peroxide cures
- ▶ Outstanding low temperature impact properties
- ▶ Blends easily in all formulations
- ▶ Excellent weathering

Applications

- ▶ Automotive
- ▶ Mechanical Goods
- ▶ Hot Materials Belting
- ▶ Blends with Butyl Rubber for Inner Tubes
- ▶ TPO
- ▶ Impact Modification of Plastics

Raw Polymer Properties and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML (1+4)/100°C (Milled)	ZS 1223A	55	65	—
E/P Weight Ratio.....	ZS 1231	—	—	53/47
ENB, Weight %	ZS 1222	—	—	2.7
Molecular Weight Distribution	ZS 1296A	—	—	Broad
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) (Dense bale)

* Company Test Methods

R-580HT/mef

ASP-4618G
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