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Royalene[®] 694 EPDM

Product Data

"A Polymer Highly Extended with Heavy Hydrotreated Paraffinic Oil
for TPO and Extruded Thermoset Applications"

Unique Features

- ▶ Blends Readily in TPO Compounds
- ▶ Reduces Mixing Time in Highly Loaded TPO Compounds
- ▶ Highly Extendable
- ▶ Good Aging Properties
- ▶ Improved Shape Retention for Hose Tube and Other Extrusions
- ▶ High Molecular Weight Base Polymer
- ▶ Good Green Strength Over a Broad Temperature Range
- ▶ Useful for Making Low Hardness Compounds

Applications

- ▶ TPO and TPV
- ▶ Automotive Applications
- ▶ Mechanical Goods
- ▶ Hose Tubes
- ▶ Profile Extrusions

Raw Polymer Properties and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	40	55	—
E/P Weight Ratio.....	ZS 1231	—	—	70/30
ENB, Weight %	ZS 1222	—	—	4.5
Molecular Weight Distribution	ZS 1296A	—	—	Medium
Oil Extension, phr (Paraffinic)	ZS 1297	—	—	75
Volatile Matter, Weight %.....	ZS 1008K	—	1.0	—
Stabilizer	—	—	—	Non-Staining
Specific Gravity, g/cc	ASTM D-792	—	—	0.88
Color	ZS 1072A	—	—	Off-white
Physical Form, lbs/bale (Dense bale)	—	—	—	55.1 (25 kg)

* Company Test Methods

R-694/mef

ASP-R275B

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