

SUPRENE[®] 512F

SUPRENE EPDM 512F has high ethylene content for high green strength of uncured rubber.

Since SUPRENE EPDM 512F can make a formulation incorporating large quantities of fillers and process oil, the resulting compound is inexpensive. In addition, its 'friable bale' form facilitates its mixing with ingredients by means of a Banbury mixer and at shorter mixing time, which results in energy saving.

For examples of application of SUPRENE EPDM 512F making the best use of its above-mentioned characteristics, there are various extrusion products, such as hose, window gasket, various molded products, and low cost compounds.

Raw Polymer Properties

	Test Method	Unit	Min.	Max.	Typical Value
Mooney Viscosity, (ML 1+4, 125 °C unmilled)	ASTM D1646	-	58	68	63
Ethylene Content *	ASTM D3900	wt%	67	71	69
ENB Content	ASTM D6047	wt%	3.5	5.5	4.5
Oil Content	-	phr	-	-	-
Specific Gravity	ASTM D792	-	-	-	0.86
Volatile Matter	ASTM D5668	wt%	-	0.8	-
Ash	ASTM D5667	wt%	-	0.15	-
Physical Form, (kg/bale)	-	-	-	-	25kg (Friable Bale)

* Ethylene Content + Propylene Content = 100%

* After production date, shelf life time is 3 years. And we recommend this product should be stored dry and at temperature < 30 °C. Exposure to light has to be avoided.

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