



Data Sheet

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SUPRENE® 6090WF

SUPRENE EPDM 6090WF is an oil-extended 'friable bale' ENB type grade which contains 50phr of non-staining paraffinic oil.

SUPRENE EPDM 6090WF is possible to load it with high concentration of fillers etc. When blended with a non-oil extended SUPRENE EPDM grade, the SUPRENE EPDM 6090WF improves the properties and processability (at mixing and extruding) of the non-oil extended grade.

It can be formulated to make products of lower hardness.

Its blend with diene-type rubber gives excellent physical properties.

SUPRENE EPDM 6090WF is mainly used in automotive parts such as window seal, hose, and various industrial parts.

Raw Polymer Properties

	Test Method	Unit	Min.	Max.	Typical Value
Mooney Viscosity, (ML 1+4, 125°C unmilled)	ASTM D1646	-	48	58	53
Ethylene Content	ASTM D3900	wt%	67	73	70
ENB Content	ASTM D6047	wt%	4.7	6.7	5.7
Oil Content	-	phr	45.5	54.5	50
Specific Gravity	ASTM D792	-	-	-	0.88
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 2 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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