



Data Sheet

Date Prepared: June 9, 2015.

SUPRENE[®] 5206F

SUPRENE EPDM 5206F is a non-oil extended grade with very high Mooney viscosity and high ENB content.

SUPRENE EPDM 5206F shows excellent extrusion processability and its moderate ethylene content gives this grade a better flexibility under low temperature, compared with high ethylene grades. Especially, fast curing is possible with this grade because of its high ENB content.

SUPRENE EPDM 5206F is suitable for sponge made by continuous curing such as window seal, body seal for automotives and adiabatic sponge.

Raw Polymer Properties

	Test Method	Unit	Min.	Max.	Typical Value
Mooney Viscosity, (ML 1+4, 150 °C unmilled)	ASTM D1646	-	56	66	61
Ethylene Content	ASTM D3900	wt%	58	62	60
ENB Content	ASTM D6047	wt%	6.8	8.8	7.8
DCPD Content	ASTM D6047	wt%	0.2	1.2	0.7
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 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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