



Data Sheet

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SUPRENE[®] 505A

SUPRENE EPDM 505A has lower Mooney viscosity than SUPRENE EPDM 505, and its mill processability is further improved.

It is Possible to mold with SUPRENE EPDM 505A various molded products within a short time because of its fast cure rate.

When SUPRENE EPDM 505A blended with diene type rubber, its dispersion is excellent. It can also be used more effectively by taking advantage of good ozone resistances.

SUPRENE EPDM 505A is suitable for sponge made by continuous curing. Low density sponge can be obtained through the curing. It can also be used in various applications such as automotive tires, rubber coated fabrics, and automotive parts.

Raw Polymer Properties

	Test Method	Unit	Min.	Max.	Typical Value
Mooney Viscosity, (ML 1+4, 100 °C unmilled)	ASTM D1646	-	40	50	45
Ethylene Content *	ASTM D3900	wt%	52	58	55
ENB Content	ASTM D6047	wt%	8.4	10.4	9.4
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 (Dense 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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