

SUPRENE[®] 553

SUPRENE EPDM 553 is a non-oil extended grade with very high Mooney viscosity.

SUPRENE EPDM 553 shows excellent extrusion processability and physical properties with high loading fillers.

Its moderate ethylene content gives this grade a better flexibility under low temperature, compared with high ethylene grades.

Its good green strength can give better shape retention and higher extrudability.

SUPRENE EPDM 553 is mainly used in automotive exterior parts such as window seal and used in other various applications.

Raw Polymer Properties

	Test Method	Unit	Min.	Max.	Typical Value
Mooney Viscosity, (ML 1+4, 150 °C unmilled)	ASTM D1646	-	67	77	72
Ethylene Content *	ASTM D3900	wt%	59	65	62
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	0.2
Ash	ASTM D5667	wt%	-	0.15	0.01
Physical Form, (kg/bale)	-	-	-	-	25kg (Dense Bale)

* Ethylene Content + Propylene Content = 100%

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