

SN-239

SN-239 is a general purpose, mercaptan modified polychloroprene rubber produced using a Nairit recipe and process technology. SN-239 has a medium crystallization rate and can be seen as an equivalent to the WHV grade from DuPont.

Properties and Characteristics

SN-239 has the highest Mooney viscosity in the SN-23x series and has similar characteristics to SN-238. An outstanding characteristic of the compounds from this grade is its excellent tear strength. The vulcanizates maintain very good properties even when highly filled or plasticized. SN-239 has a medium crystallization rate and good solubility so that it can be used to adjust the viscosity of adhesive formulations and improve their heat resistance. SN-239 compounds exhibit good oil resistance, chemical resistance, ozone and aging resistance, sunlight resistance, typical of polychloroprene. Also standard is their good fire resistance and electrical properties.

Correlation of SN-239 with Major Competitive Grades:

Shanna, China	DuPont, USA	Lanxess, Germany
SN-239	WHV	243

Specifications

Property	Value
Appearance	White or grey chips. No solid impurities except talcum.
Specific Gravity	1.23
Mooney viscosity ML(1+4), 100°C	111 ~ 130
Mooney scorch MSt5 (min)	≥ 12
Module at 500 % elongation (MPa)	4 ~ 8
Tensile strength (MPa)	≥ 13
Ultimate elongation (%)	≥ 650
Volatiles (wt %)	≤ 0.8
Ash (wt %)	≤ 1.0

*According to standard Q/SNYF02.01-2009

Applications

The main application for SN-239 is for highly filled compounds or for adjusting the viscosity of adhesive formulations. SN-239 is often extruded as a hose and particularly for harder wire and cable sheaths. SN-239 is also used for formulating adhesives, especially for adhesive plasters.