

SN-238

SN-238 is a general purpose, mercaptan modified polychloroprene rubber produced using a Nairit recipe and process technology. SN-238 has a medium crystallization rate and can be seen as an equivalent to the WHV-100 grade from DuPont.

Properties and Characteristics

Apart from its higher Mooney viscosity, SN-238 has similar characteristics to those of SN-231 and SN-232. An outstanding characteristic of the compounds from this grade is their excellent tear strength. The vulcanizates maintain very good properties even when highly filled or plasticized. SN-238 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-238 compounds exhibit good oil resistance, chemical resistance, ozone and aging resistance, sunlight resistance, fire resistance and electrical properties.

Correlation of SN-238 with Major Competitive Grades:

Shanna, China	DuPont, USA	DENKA, Japan	Lanxess, Germany
SN-238	WHV-100	M-130L	230

Specifications

Property	Value
Appearance	White or grey chips. No solid impurities except talcum.
Specific Gravity	1.23
Mooney viscosity ML(1+4), 100°C	90 ~ 110
Mooney scorch MSt5 (min)	≥ 12
Module at 500 % elongation (MPa)	4 ~ 8
Tensile strength (MPa)	≥ 13
Ultimate elongation (%)	≥ 650
Brookfield viscosity (5% toluene solution)	30~65
Volatiles (wt %)	≤ 0.8
Ash (wt %)	≤ 1.0

*According to standard Q/SNYF02.01-2009

Applications

The main application for SN-238 is for highly filled compounds or for adjusting the viscosity of adhesive formulations. SN-238 is often extruded as a hose and particularly for harder wire and cable sheaths. SN-238 is also used for formulating adhesives, particularly for adhesive plasters.