

SN-322

SN-322 is a general purpose, sulfur modified polychloroprene rubber produced using a Nairit recipe and process emulsion polymerization technology. SN-322 has a low crystallization rate and can be seen as an equivalent to the GW grade from Dupont.

Properties and Characteristics

SN-322 has good properties of physical mechanics and processability, with the exception that it has a slightly higher Mooney viscosity than that of SN-321. SN-322 compounds exhibits good oil resistance, chemical resistance, ozone and aging resistance as well as the sunlight resistance qualities typical of polychloroprene. Also standard is its good fire resistance and electrical properties.

Correlation of SN-322 with Major Competitive Grades:

Shana, China	DuPont, USA
SN-322	GW

Specifications

Property	Value
Appearance	Light yellow or amber chips; no solid impurities except talcum as a release agent; no scorched particles
Specific Gravity	1.23
Mooney viscosity ML(1+4), 100°C	50 ~ 60
Mooney scorch MSt5 (min)	≥ 25
Module at 500 % elongation (MPa)	2 ~ 5
Tensile strength (MPa)	≥ 22
Ultimate elongation (%)	≥ 800
Volatiles (wt %)	≤ 1.3
Ash (wt %)	≤ 1.0

*According to standard Q/SNYF02.14-2009

Applications

SN-322 can be used in the manufacture of a wide range of products where oil resistance, heat resistance and/or fire retardant properties are required. It can be compounded to meet a range of special requirements. Specific examples for its intended use include: mining conveyor belts, power transmission belts, hoses, cushions, seals, cable and wire sheathings.