SN-323

SN-323 is a general purpose, sulfur modified polychloroprene rubber produced using a Nairit recipe and process emulsion polymerization technology. SN-323 has a medium to low crystallization rate and can be seen as an equivalent to the GW grade from DuPont.

Properties and Characteristics

SN-323 has good properties of physical mechanics and processability, with the exception that it has a higher Mooney viscosity than that of SN-321 and SN-322. SN-323 compounds exhibit 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-323 with Major Competitive Grades:

Shana, China	DuPont, USA
SN-323	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	61 ~ 80
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-323 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.