

SN-233

SN-233 is a general purpose, mercaptan modified polychloroprene rubber produced using a Nairit recipe and process technology. SN-233 has a medium crystallization tendency and can be seen as an equivalent to the W grade from DuPont and M-40 from Denka.

Properties and Characteristics

SN-233 has good properties of physical mechanics and plasticization, the same properties as SN-232 with the exception that it has a slightly high Mooney viscosity when compared with CR-232. It is excellent in processability, mastication and mixing; the surface of sheet is flat and smooth and non-stick to the mill rolls, has lower compression set and excellent elasticity. SN-233 is used in combination with other types of chloroprene rubber. It exhibits excellent resistance to oil, chemical, sunlight, abrasion, and fire. It is widely used in general rubber products and suitable for existing CR-232 users for adhesive preparing purposes.

Correlation of SN-233 with Major Competitive Grades:

Shanna, China	DuPont, USA	Denka, Japan	Lanxess, Germany
SN-233	W	M-40	210

Specifications

Property	Value
Appearance	White or grey chips; no solid impurities except talcum
Specific Gravity	1.23
Mooney viscosity ML(1+4), 100°C	50 ~ 65
Mooney scorch MSt5 (min)	≥ 12
Module at 500 % elongation (MPa)	2 ~ 5
Tensile strength (MPa)	≥ 13
Ultimate elongation (%)	≥ 700
Volatiles (wt %)	≤ 0.8
Ash (wt %)	≤ 1.0

*According to standard Q/SNYF02.06-2009

Applications

SN-233 is the most widely used grade of neoprene rubber, particularly for the production of: conveyor belts, extruded bars, a variety of hoses, tapes and adhesives, rubber seals, wire and cable jackets.