General Specifications Data Sheet

SN232 is a general purpose, mercaptan modified polychloroprene rubber produced using a Nairit recipe and process technology. SN232 has a medium crystallization rate and can be seen as an equivalent to the W grade from DuPont.

A. Properties and Characteristics

This CR grade (lives compounds with excellent physical properties and plasticity SN232 shows excellent processing capabilities when compared with CR232 It can be compounded without prior rubber milling and resists molecular weight degradation except under the highest shear conditions. Compound surfaces of rubber are smooth and tend not to adhere to the rolls while milling, SN232 can easily be mixed with other chloroprene rubbers. Compounds of SN232 have very low compression set and excellent elasticity. Generally, accelerators are added to compounds of SN232 but cure rate and process sat'ety can be widely varied to suit the requirements, especially if mixed with other rubbers. SN232 compounds exhibit the good Oil resistance, chemical resistance, ozone and aging resistance as well as the sunlight resistance, typical for polychloroprene. Also typical are their good fire resistance and electrical properties.

B. Specifications

According to standard Q/ SNYF02 . 06- 2009

A Correlation of SN232 with Major Competitive Grades

Shanna	Dupont	Denka	I.anxess
SN232	W	M-40	210

1 . Appearance : white or grey chips . No solid impurities except talcum

2 . Typical Polymer Properties

Mooney viscosity ML (1 +4) 100 °C ..... 42 — 54

Mooney scorch MSt5 (min) ..... ≥12

Module at 500 % elongation (MPa) .... 2 --- 5

Tensile strength (MPa) ..... ≥ 13

Ultimate elongation (%) ..... ≥ 800

Volatiles (wt . °) .... ≤ 0.8

Ash (wt.%) ..... ≤ 1.0

C . Applications

The wide range of viscosities available in the SN23x series allow the appropriate amount of filler and plasticizer to be added to obtain compounds suitable for most applications where CR is the rubber of choice. Particular examples of their intended applications are: conveyor belts, extruded profiles, hoses, seals and wire and cable sheaths. These grades can also be used for formulating adhesives, particularly for adhesive plasters.