

SN-243

SN-243 is a mercaptan modified polychloroprene rubber with excellent adhesive strength and produced using a Nairit recipe and process technology. SN-243 has a high crystallization rate and can be seen as an equivalent to the AD-30 grade from DuPont.

Properties and Characteristics

SN-243 grade polychloroprene has a fast rate of crystallization, stronger cohesion, and good storage stability. Of the SN-24x series, this grade has a slightly higher viscosity than SN-242, and has a much better solubility and uniformity than CR-244. SN-243 can be dissolved in toluene or mixed solvents. Adhesive cements prepared with SN-243 are light in color and possess unique characteristics including high bonding strength, quick good grips, easy handling, and a long-lasting adhesive layer. It exhibits good resistance to degradation caused by the ozone, weather, oil, chemical corrosion and fire.

Correlation of SN-243 with Major Competitive Grades:

| Shanna, China | DuPont, USA | Denka, Japan | Lanxess, Germany |
|---------------|-------------|--------------|------------------|
| SN-243 | AD-30 | A-100 | 330 |

Specifications

| Property | Value |
|---|--|
| Appearance | White or light yellow chips. No mechanical impurities except talcum as a release agent |
| Specific Gravity | 1.23 |
| Brookfield viscosity (mpa.s, 25°C, 5% toluene solution) | 54-75 |
| Mass fraction of volatiles (wt %) | ≤ 1.3 |
| Mass fraction of ash (wt %) | ≤ 1.0 |

*According to standard Q/SNYF02.12-2009

Applications

SN-243 is a basic raw material for adhesive formulation, particularly for formulations of higher viscosity. It can be used alone or mixed with other grades to prepare adhesive where a very higher tack is required. Adhesive is suitable for bonding of the shoe industry, rubber leather, wood, metal and construction materials.