SN-242

SN-242 is a mercaptan modified chloroprene rubber with excellent adhesive strength and produced using a Nairit recipe and process technology. SN-242 has a high crystallization rate and can be seen as an equivalent to the AD-20 grade from DuPont.

Properties and Characteristics

SN-242 grade polychloroprene has a fast rate of crystallization, stronger cohesion, and good storage stability. Of the SN-24 series, this grade has a medium viscosity and has a much better solubility and uniformity than CR-244. SN-242 can be dissolved in toluene or mixed solvents. Preparing adhesive cements by SN-242 is light in color and high bonding strength, quick good grips, easy handling, the adhesion layer to keep a long time. It exhibits the good resistant to ozone, weather, oil, chemical corrosion and fire. SN-242 can be divided into SN-242A and SN-242B; SN-242A is closer to A-90 and can be used as applicable grade of preparing grafted adhesive; SN242B is closer to AD-20, mainly preparing decoration adhesive and so on.

Correlation of SN-242 with Major Competitive Grades:

Shana, China	DuPont, USA	DENKA, Japan	Lanxess, Germany
SN-242A		A-90	320
SN-242B	AD-20		

Specifications

Property	Value
Appearance	White or light yellow chips; no solid impurities except talcum as a release agent
Specific Gravity	1.23
Brookfield viscosity (mpa.s, 25℃, 5% toluene solution)	SN-242A: 34-40; SN-242B: 41-52
Mass fraction of volatiles (wt %)	≤ 1.3
Mass fraction of ash (wt %)	≤ 1.0

*According to standard Q/SNYF02.01-2009

Applications

SN-242 is a basic raw material for adhesive formulation, particularly for formulations of higher viscosity. It can be used alone or mixed with other grades; it is the most typical grade for preparing adhesives suitable for bonding materials for the shoe industry as well as for rubber leather, wood, metal and construction materials.