

# SN-322X

The SN-322X series consists of general purpose, sulfur and regulator D (dithiodiisopropyl xanthate) modified polychloroprene rubbers produced using emulsion polymerization process technology. SN-322X has a low crystallization rate and can be seen as an equivalent to the Denka PM-40 grade and DuPont GW in terms of general performance.

## Properties and Characteristics

SN-322X compounds exhibit excellent physical and mechanical properties, including oil resistance, chemical resistance, ozone and aging resistance, sunlight resistance as well as non-flammability and storage stability. SN-322X has improved electrical insulation and tear strength than that of SN-121X. Product exhibits good process performance, easy plasticization, mixing and extrusion molding, producing smooth product surfaces and quality finishes. The SN-322X series is especially suitable for CR-322 users.

## Correlation of SN-322X with Major Competitive Grades:

|               |             |             |              |                  |
|---------------|-------------|-------------|--------------|------------------|
| Shanna, China | SSGR, China | DuPont, USA | Denka, Japan | Lanxess, Germany |
| SN-322X       | CR-322      | GW          | PM-40        | 510              |

## Specifications

| Property                              | Value  |
|---------------------------------------|--|
| Appearance                            | Yellow flakes or blocks; no solid impurities except talcum; no scorch particles  |
| Specific Gravity                      | 1.23   |
| Mooney Viscosity ML(1+4) 100°C        | SN322X-1                      25 ~ 40<br>SN322X -2                      41 ~ 60<br>SN322X -3                      61 ~ 80<br>SN322Y                          38 ~ 48 |
| Mooney Scorch (MSt <sub>5</sub> ,min) | ≥ 25   |
| Tensile Strength (MPa)                | ≥ 22   |
| 500% Tensile Stress (MPa)             | 2 ~ 5  |
| Tensile Elongation (%)                | ≥ 800  |
| Volatiles (wt %)                      | ≤ 1.3  |
| Ash (wt %)                            | ≤ 1.0  |

\*According to standard Q/SNYF02.15-2013

## Applications

Applications of the SN-332X series include the manufacturing of wires, cables, conveyor belts, transmission belts, hoses, rubber plates, tent clothes, hubs, air ducts, oil resistant rubber boots, rubber seals, damping products, capsules, air cushions and life boats. It can also be used in miscellaneous colors or light-colored products.