

CHEMICAL DESCRIPTION

Apcoflex® NX146 is a cold polymerized, medium ACN containing carboxylated acrylonitrile butadiene terpolymer.

It contains non-staining antioxidant.

CAS No.: 9003-18-3

APPLICATIONS

Addition of Carboxylic acid groups to the main chain backbone of Nitrile polymers provides excellent Tensile and Abrasion Properties.

Apcoflex® NX146 is having low percentage of Carboxylic acid groups and is having excellent resistance to Abrasion and Wear. It is highly recommended in the manufacture of Textile Cots and Aprons, Rubber Rollers, Conveyor Belts, Hose Covers, Oil well drilling parts, Footwear components etc.

Working with Carboxylated Nitrile Polymers requires special compounding considerations. Customary Peroxide or Sulphur cures used in conventional rubbers react identically with the butadiene network of these rubbers. However, metal oxides such as ZnO, metallic salts and Amines can form secondary cross-links using the Carboxylic acid groups.

PRODUCT SPECIFICATIONS

CHARACTERISTICS	LIMITS
Volatile Matter,%	0.7 Max
Mooney Viscosity, ML ₁₊₄ @ 100°C, MU	40 - 54
Ash Content,%	1.0 Max
Bound Acrylonitrile, %	29 - 34

SAFETY AND HANDLING

Apcoflex® NX146 may contain traces of residual monomers, which may be released during processing at high temperatures. Therefore adequate ventilation should be employed in the processing areas.

PACKAGING AND SHELF-LIFE

These bales are wrapped in LDPE films and packed in poly-coated woven sacks.

Appx.Dimensions (in):
28x14x7.0 (when packed) for 35 kg.

Weight, 35 kg net (when packed)

Recommended to store in original packaging, away from direct sources of heat and sunlight. These bales will have a maximum 24 months shelf-life from the date of manufacture when stored at temperature not exceeding 35°C.

For further information, call + 91 22277 70800

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Disclaimer : These suggestions and data are based on the information that we believe to be reliable. They are given for the information only and in good faith, but conditions and methods of use of our product are beyond our control. Apcotex recommends that the user determine the suitability of our material and suggestions before using them for a commercial scale.