



# Technical Data Sheet

## Apcoflex<sup>®</sup> N287

Low ACN, High Viscosity Nitrile Rubber

### CHEMICAL DESCRIPTION

Apcoflex<sup>®</sup> N287 is a cold polymerized co-polymer of acrylonitrile and butadiene.

It contains non-staining antioxidant.

CAS No.: 9003-18-3

### APPLICATIONS

Apcoflex<sup>®</sup> N287 has excellent low temperature flexibility, moderate oil resistance, good compression set resistance and easy processing.

N287 is intended to be used in applications where the requirement for flexibility at sub-freezing temperatures is greater than that can be achieved with medium ACN (33%) grades like N687 or high ACN grades such as N386. It is mainly used in the manufacture of hydraulic and automotive Hoses where high physicals are desired. Also finds useful in specialty Footwear and Automotive molded goods etc.

### TYPICAL PROPERTIES

Bound Acrylonitrile, %	28
Mooney Viscosity, ML1+4(100°C)	70
Ash, %	0.3
Volatiles, %	0.4
Specific gravity	0.98

### SAFETY AND HANDLING

Apcoflex<sup>®</sup> N287 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 plastic films and packed in woven sacks.

Approx. Dimensions (in): 28x14x5.5 (when packed) for 25 kg

28x14x7.0 (when packed) for 35 kg

Weight, kg 25 OR 35 kg net (when packed)

Recommended to store in original packaging, away from direct sources of heat and sunlight. These bales will have a minimum of 24 months shelf-life under good storage practices

PDS-N287-17-02

apcotex industries limited

Email  : info@apcotex.com

Web  : www.apcotex.com

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