



# Technical Data Sheet

## Apcoflex<sup>®</sup> P3880 4C Powdered NBR Rubber

### CHEMICAL DESCRIPTION

Apcoflex<sup>®</sup> P3880 4C is a high acrylonitrile, high Mooney Viscosity, cross-linked rubber in powdered form.

It is partitioned with Calcium Carbonate.

CAS No.: 9003-18-3

### APPLICATIONS

Apcoflex<sup>®</sup> P3880 4C powder is recommended as a secondary binder for applications in gaskets, jointing sheets etc. to improve the low temperature properties, flexibility, oil and solvent resistance etc.

P3880 4C also finds application in the manufacture of flexible Gaskets and Brake liners & brake pads in automotive and railways. The addition of Apcoflex Powders helps in improving abrasion resistance and reducing noise in these products.

### SAFETY AND HANDLING

Apcoflex<sup>®</sup> P3880 4C 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

### TYPICAL PROPERTIES

Appearance	Off white
Bound Acrylonitrile, % (Polymer)	40
Ash, %	7.0
Structure	Cross-linked
Partitioning agent	CaCO <sub>3</sub>
Mooney Viscosity, ML1+4(100°C)	85

### PACKAGING AND SHELF-LIFE

The powder is packed in plastic bags and is placed in plastic coated multiply cardboard boxes. The boxes are then put on Wooden Crates and shrink wrapped for easy transportation and handling.

Unit: 25 Kg / 55 lb Poly-bags

Bulk: Wooden Pallet 36 units 900 Kg / 1984 lb

20' FCL: 12 pallets 10,800 Kg / 23,810 lb

Recommended to store in original packaging, away from direct sources of heat and sunlight. These powders will have a minimum of 12 months shelf-life from date of manufacture, if good storage practices are maintained. However, they have a tendency to agglomerate over a period of six months.

PDS-P3880 4C-17-01

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**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



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