



# Technical Data Sheet

## Apcoflex<sup>®</sup> P3380 4C Powdered NBR Rubber

### CHEMICAL DESCRIPTION

Apcoflex<sup>®</sup> P3380 4C is a medium 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> P3380 4C powder is recommended for the modification of PVC in Injection Moulded and Extruded Goods. It is also used in the manufacture of PVC based TPEs.

P3380 4C also finds application in Asbestos and non-asbestos Gaskets, Brake liners and 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> P3380 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 area

### TYPICAL PROPERTIES

Appearance	Off white
Bound Acrylonitrile, % (Polymer)	33
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-P3380 4C-17-01

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