



versalis

Technical Data Sheet

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EUOPRENE[®]

N OZO 7033/60

NBR-PVC blend

Europrene[®] N OZO 7033/60 is a blend of acrylonitrile-butadiene copolymer and polyvinyl chloride in the ratio 70/30. The fluxing stage is fully achieved during the mechanical mixing thus providing outstanding resistance against ozone and good oil, abrasion and fire resistance together with an excellent processability.

| Main Properties | Test Method | Typical Value |
|----------------------------------|-------------|---------------|
| NBR/PVC ratio, wt/wt | | 70/30 |
| ACN Content, % wt | ASTM D 3533 | 23 |
| Mooney Viscosity ML (1+4) 100 °C | ASTM D 1646 | 60 |
| Volatile matter, % wt | ASTM D 5668 | 1.0 max |
| Ash, % wt | ASTM D 5667 | 0.5 max |

Key Features

Europrene[®] N OZO 7033/60 is the low viscosity version of N OZO 7033. It is characterised by an excellent processability in internal and open mixers, high resistance to oils and outstanding fire resistance. This grade exhibits a good compromise between ozone resistance and low temperature performances. Suitable for extrusion and more particularly injection moulding applications, this grade could be vulcanized with sulphur based systems or with peroxides.

Main Applications

Conveyor belts, safety shoe soles, cable jackets, industrial and automotive hoses, fire hoses and all applications where fire and ozone resistance are required together with moderate flexibility at low temperature..

Physical Form

Light yellow colored slabs assembled in bales wrapped in a strippable and dispersible polyethylene film (softening Vicat point: 90-100 °C)

Packaging

IPPC cardboard box on wooden pallet containing 30 bales of 25 Kg into a black polyethylene liner (970 x 1145 x H1050 mm).

Storage Conditions

Shelf life 24 months when stored in vented and dry area at temperatures between 20°C and 30°C avoiding direct exposition to sunlight.

Please consult the relevant safety data sheet for more detailed information.

The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, is made nor liability accepted with respect to the use of such information and data.