



versalis

Technical Data Sheet

www.versalis.eni.com

info.elastomers@versalis.eni.com

EUROPRENE[®]

N OZO 7039

NBR-PVC blend

Europrene[®] N OZO 7039 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 excellent oil and fuel resistance together with good abrasion and fire resistance.

Main Properties	Test Method	Typical Value
NBR/PVC ratio, wt/wt		70/30
ACN Content, % wt	ASTM D 3533	27
Mooney Viscosity ML (1+4) 100 °C	ASTM D 1646	75
Volatile matter, % wt	ASTM D 5668	1.0 max
Ash, % wt	ASTM D 5667	0.5 max

Key Features

Europrene[®] N OZO 7039 exhibits an excellent processability in internal and open mixers. Thanks to a high ACN content, excellent resistance to oils and fuels could be achieved together with ozone and fire resistance. Particularly suitable for extrusion and injection moulding applications, this grade could be vulcanized with sulphur based systems or with peroxides.

Main Applications

Hoses and molded automotive articles requiring a very high oil and gasoline resistance and applications demanding high mechanical performances.

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.