

Technical Data Sheet



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EUROPRENE®

N OZO 7033

NBR-PVC blend

Europrene® N OZO 7033 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	75
Volatile matter, % wt	ASTM D 5668	1.0 max
Ash, % wt	ASTM D 5667	0.5 max

Key Features

Europrene® N OZO 7033 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. Particularly suitable for extrusion and 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, flooring, 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.
Store in vented, dry area at temperatures between 20°C and 30°C, no direct 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.