

EUROPRENE®

N OZO 5033

NBR-PVC blend

Europrene® N OZO 5033 is a blend of acrylonitrile-butadiene copolymer and polyvinyl chloride in the ratio 50/50. 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		50/50
ACN Content, % wt	ASTM D 3533	16,5
Mooney Viscosity ML (1+4) 121 °C	ASTM D 1646	70
Volatile matter, % wt	ASTM D 5668	1.0 max
Ash, % wt	ASTM D 5667	0.5 max

Key Features

Europrene® N OZO 5033 is characterised by an excellent processability in internal and open mixers, high resistance to oils and outstanding fire and ozone resistance. Particularly suitable for extrusion and injection moulding applications, this grade could be vulcanized with sulphur based systems or with peroxides.

Main Applications

Conveyor belts, cable jackets, insulating hoses, industrial pavings and all applications where self extinguishing properties and ozone resistance are required.

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.