

Technical Data Sheet



EUROPRENE[®]

NBR

N 2845

Acrylonitrile-Butadiene Rubbers

Europrene[®] N 2845 is a cold polymerized acrylonitrile-butadiene copolymer made at the Porto Torres production facility in Italy. A non staining antioxidant is added during the production process.

Main Properties	Test method	Tipycal value
ACN Content, % wt	ASTM D 3533	28
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	45
Volatile matter, % wt	ASTM D 5668	0.7 max
Ash, % wt	ASTM D 5667	0.5 max
Organic Acid, % wt	ASTM D 5774	0.5 max
Soap, % wt	ASTM D 5774	0.6 max

Key Features

Europrene[®] N 2845 is characterised by good processability, medium mineral oil resistance and good flexibility at low temperature. The vulcanization can be performed by sulphur based systems or by peroxides. The low temperature properties can be improved by adding polar plasticizers as synthetic esters of adipic, sebacic or phtalic acids. To improve heat, light and ozone resistance, suitable protective agents as amine or phenolic antioxidants have to be added in the compounding process.

Main Applications

Automotive and industrial seals, textile industry articles, oil industry holds, stoppers, stamps, dampers.

Physical Form

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

Packaging

Wooden crate IPPC, 30 kg bale, 40 bales per crate (1090 x 1250 x H1450 mm).
Wooden crate IPPC for over seas market, 30 kg bale, 30 bales per crate (1090 x 1250 x H1100 mm).
Label on the crate indicating the type, lot number, crate number, nominal net weight.
Polyethylene strip on bales with product type printed on it.

Storage Conditions

Shelf life 24 months.
Store in vented , dry area at tempertures between 20°C and 30°C, no direct sunlight.

