

Polimeri Europa Europrene® N 4560 Acrylonitrile-Butadiene Rubber

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Europrene® N 4560 is a cold polymerized acrylonitrile-butadiene copolymer. A non staining antioxidant is added during the production process. Key Features: Europrene® N 4560 is characterized by the highest oil and aliphatic hydrocarbon swelling resistance among the Europrene N grades. Mechanical properties decay of articles based on this elastomer is very limited also after long contact time with fuels whereas permeability of vulcanized articles is very low. The vulcanization can be performed by sulphur based systems or by peroxides. The low temperature properties can be further improved by adding polar plasticizers as synthetic esters of adipic, sebacic or phthalic acids. To improve heat, light and ozone resistance, suitable protective agents as amine or phenolic antioxidants have to be added to the compounding process. Main Applications: Gaskets for oil bath, transformers, fuel hoses, oil sealing rings. gaskets for hydrocarbon ducts, flat gasket for carburetors, etc.. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-N-4560-Acrylonitrile-Butadiene-Rubber.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.70 %	<= 0.70 %	ASTM D5668
Mooney Viscosity	60 @Temperature 100 °C	60 @Temperature 212 °F	ASTM D1646
Ash	<= 0.50 %	<= 0.50 %	ASTM D5667

Descriptive Properties	Value	Comments
Acrylonitrile Content	45% wt	ASTM D3533
Organic Acid	< 0.5% wt	ASTM D5774
Soap	< 0.6% wt	

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