

Polimeri Europa Europrene® N 3945 Acrylonitrile-Butadiene Rubber

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

Material Notes:

Europrene® N 3945 is a cold polymerized acrylonitrile-butadiene copolymer. A non staining antioxidant is added during the production process. Key Features: The high ACN content confers to compounds based on Europrene® N 3945 good hardness properties and good oil and aliphatic hydrocarbon swelling resistance. 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: Wide range of technical articles requiring good processability and a very high oil and fuel resistance. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-N-3945-Acrylonitrile-Butadiene-Rubber.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.70 %	<= 0.70 %	ASTM D5668
Mooney Viscosity	45 @Temperature 100 °C	45 @Temperature 212 °F	ASTM D1646
Ash	<= 0.50 %	<= 0.50 %	ASTM D5667

Descriptive Properties	Value	Comments
Acrylonitrile Content	39% wt	ASTM D3533
Organic Acid	< 0.5% wt	ASTM D5774
Soap	< 0.6% wt	

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