

## Polimeri Europa Europrene® N 1945 GRN Acrylonitrile-Butadiene Rubber

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

### Material Notes:

Europrene® N 1945 GRN is an advanced technology cold polymerized acrylonitrile-butadiene copolymer. A non staining antioxidant is added during the production process. Key Features: Europrene® N 1945 GRN is the grade with a good low temperature properties in the Europrene N family. As all GRN grades it shows higher cure rate, higher low temperature flexibility, higher crosslinking density and better mechanical properties, better oil and fuel resistance in comparison to STD grades. The improved processability guarantees low mold fouling products and then long production runs, lower mold wear and fewer production controls. 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: Injected or extruded technical goods requiring oil resistance and very good low temperature flexibility. Food contact applications. Information provided by Polimeri Europa.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeri-Europa-Europrene-N-1945-GRN-Acrylonitrile-Butadiene-Rubber.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-N-1945-GRN-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	19% wt	ASTM D3533
Organic Acid	< 0.5% wt	ASTM D5774
Soap	< 0.6% wt	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China