

Europrene® N 2830 GRN

Acrylonitrile Butadiene Rubber

Versalis S.p.A.

Message:

Europrene® N 2830 GRN is an advanced technology cold polymerized acrylonitrile-butadiene copolymer made at the Porto Torres production facility in Italy. A non staining antioxidant is added during the production process.

Europrene® N 2830 GRN is characterised by a low Mooney Viscosity that allows an excellent processability mostly in injection moulding applications. GRN grades show 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 mould fouling products and then long production runs, lower mould wear and less production controls. 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 phthalic acids. To improve heat, light and ozone resistance, suitable protective agents as amine or phenolic antioxidants have to be added in the compounding process.

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

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Fast Cure		
	Fuel Resistant		
	Good Processability		
	Low Temperature Flexibility		
	Low Viscosity		
	Oil Resistant		
Uses	Automotive Applications		
	Closures		
	Industrial Applications		
	Oil/Gas Applications		
	Seals		
	Textile Applications		
Appearance	Yellow		
Forms	Bale		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	30	MU	ASTM D1646
Acrylonitrile Content	28.0	wt%	ASTM D3533
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	< 0.5	wt%	ASTM D5774
Soap	< 0.6	wt%	ASTM D5774
Volatile Matter	< 0.70	wt%	ASTM D5668

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

