

# Europrene® N 2845

Acrylonitrile Butadiene Rubber

Versalis S.p.A.

## Message:

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.

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 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		
	Good Processability		
	Low Temperature Flexibility		
	Oil Resistant		
Uses	Automotive Applications		
	Closures		
	Industrial Applications		
	Oil/Gas Applications		
	Seals		
	Textile Applications		
Appearance	Yellow		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	45	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

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