

# INTOL® 1500

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

## Message:

Intol ® 1500 is an emulsion styrene-butadiene rubber obtained by cold polymerisation using a rosin acid soap as emulsifier.

It is made at the Hythe production facility in UK.

A non-staining antioxidant is added during the production process.

### Key Features

E-SBR is a general purpose rubber characterised by good processability, mechanical properties and abrasion resistance. It has a limited resistance to oil and weather but properly compounded, it is suitable for use in outdoor applications.

The use of rosin acid soap results in a higher tack of the green compound and a slightly slower cure rate compared to fatty/rosin acid emulsified types.

### Main Applications

Tyre manufacturing and retreading, conveyor belts, hoses and other mechanical goods.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	General Purpose		
	Good Abrasion Resistance		
	Good Processability		
Uses	Belts/Belt Repair		
	Conveyor Parts		
	General Purpose		
	Hose		
	Tire Repair		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	52	MU	ASTM D1646
Bound Styrene	23.5	%	ASTM D5775
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	6.0	wt%	ASTM D5774
Soap	< 0.5	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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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

