

INTOL® 1509

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Intol® 1509 is an emulsion styrene-butadiene rubber obtained by cold polymerisation using a mixture of rosin acid and fatty acid soaps as emulsifiers. 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.
Intol® 1509 exhibits an enhanced processability and easier incorporation of high filler loading.
The low viscosity makes this particularly suitable for injection moulding applications.

Main Applications
Footwear, microcellular soles, carpet underlay, injection moulded, extruded and calendered goods.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Copolymer
	General Purpose
	Good Abrasion Resistance
	Good Processability
	Low Viscosity
Uses	Carpet Backing
	Footwear
	General Purpose
Forms	Bale
Processing Method	Calendering
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	32	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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