

# INTOL® 1789

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

## Message:

Intol ® 1783 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.

It is a medium bound styrene copolymer extended with RAE oil.

### 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® 1789 is the RAE oil extended alternative to Intol®/Europrene® 1721.

### Main Applications

Tyre tread.

General Information			
Features	Copolymer		
	General Purpose		
	Good Abrasion Resistance		
	Good Processability		
Uses	General Purpose		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	55	MU	ASTM D1646
Bound Styrene	40.0	%	ASTM D5775
Oil Type (TRAE Oil)	37.5	phr	ASTM D5774
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	5.0	wt%	ASTM D5774
Soap	< 0.5	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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