

### Description

Emulprene 1500A is a styrene-butadiene copolymer, cold polymerized using a rosin acid soap. Previously to the alum-acid coagulation, a non-staining stabilizer is added in the manufacturing process. The product does not contain nitrosamine promoters.

### Packing

This product is commercialized in  $34 \pm 1$  Kg rectangular bales individually wrapped in low melting point polyethylene film and shipped in 36-bale cardboard boxes.

### Uses

Emulprene 1500A is suitable for molded and extruded mechanical goods and sealants applications.

### Storage

Store in dry and ventilated area where it will not be exposed to direct sunlight, extreme temperatures or sources of ignition.

Please consult Emulprene 1500A Safety Data Sheet (SDS) for more detailed handling and storage information.

### Technical data

Property	Test method	Value
Volatile matter, % Max	ASTM D5668	0.8
Ash, % Max	ASTM D5667	0.8
Organic Acid, %	ASTM D5774	5.5 - 7.5
Soap, % Max	ASTM D5774	0.3
Bound Styrene, %	ASTM D5775	22.5 - 24.5

### Physical properties

Property	Test method	Value
Mooney Viscosity (ML1+4 at 100°C), MU	ASTM D1646	47 - 55
*Compound Mooney Viscosity, (ML1+4 at 100°C), MU Max.	ASTM D1646	75
Tensile Strength, MPa Min.	ASTM D412	21.5
Modulus 300%, MPa	ASTM D412	9.0 - 16.5
Elongation at break, % Min.	ASTM D412	460

### Rheometrical Test (ODR2000)

Property	Test method	Value
ML, lb-in	ASTM D2084	6.0 - 9.4
MH, lb-in	ASTM D2084	36.7 - 42.7
$t_{s1}$ , min	ASTM D2084	2.6 - 5.5
$t_c(90)$ , min	ASTM D2084	15.2 - 20.0

(\* )ASTM D3185-1A TEST RECIPE

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