

Chemical properties

PROPERTY	TEST METHOD	UNITS	VALUE
Volatile matter	ASTM D5668	%	0.8 MAX
Ash	ASTM D5667	%	0.8 MAX
Organic Acid	ASTM D5774	%	5.5 - 7.5
Soap	ASTM D5774	%	0.3 MAX
Bound Styrene	ASTM D5775	%	22.5 - 24.5

Physical properties

PROPERTY	TEST METHOD	UNITS	VALUE
Mooney Viscosity	ASTM D1646	ML 1+4 (100°C)	47 - 55
*Compound Mooney V.	ASTM D1646	ML 1+4 (100°C)	75
Tensile Strength	ASTM D3185	MPa	21.5
Modulus	ASTM D3185	MPa	15.5
Elongation at break	ASTM D3185	%	460

Rheometrical Test (ODR2000)

PROPERTY	TEST METHOD	UNITS	VALUE
ML	ASTM D2084	lb _f /in	6.0 - 9.4
MH	ASTM D2084	lb _f /in	36.7 - 42.7
t _s 1	ASTM D2084	min	2.6 - 5.5
t _c (50)	ASTM D2084	min	5.2 - 9.2
t _c (90)	ASTM D2084	min	15.2 - 20.0

*ASTM D3185-1A TEST RECIPE

Description

E1500A 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.

Application Data

E1500A is suitable for molded and extruded mechanical goods and sealants applications.

Packaging

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

Storage

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

Please consult the E1500A Material Safety Data Sheet (MSDS) for more detailed handling and storage information.

The information is based on laboratory data and does not necessarily indicate end product performance. None of the information here in is intended to be used as infringement of any existing patent of product or application.

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