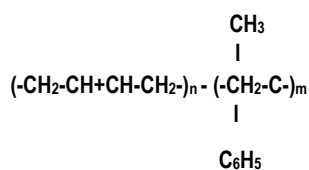




Chemicals Corp.

Product Data Sheet

SBR 1502



Synthetic butadiene methyl styrene

CAS Number: 106-99-0

EINECS: 203-450-8

PRODUCT INFORMATION

PARAMETER	UNIT	VALUE
Mooney viscosity	ML 1+4 (100°C)	47-56
Ash content	% not more than	0.60
Mass losses at drying	% not more than	0.035
Free organic acids	%	5.0-6.5
Bound organic soap	% not more than	0.15
Antioxidant (VTS-150 or VTS-150B)	%	1.0-1.4
Bound styrene	%	22-25
Tensile strength	MPa not less than	27.9
Stabilizer		
Agidol-2 or WS-30A		0.7-1.2 1.0-2.0
Vulcanization properties		
Tensile strength	MPa not less than	26.5
Elongation at break	%	550
Rebound resilience	% not less than	37

Test compound		
SBR 1502		1000.0
Stearic acid		1.5
ZnO		5.0
Technical carbon		40.0
Technical sulphur		2.0
Altax		3.0
Parts per weight		151.5

FUNCTION

SBR 1502 is a co-polymerization of butadiene and styrene emulsions, which does not require special mastication.

APPLICATIONS AND PROPERTIES

- This product is a general purpose rubber and is compatible with other general rubber types.
- It is used in the production of tires, technical rubber goods, shoes, cables and other articles.
- Used in industry and in non-coloured technical rubber products manufacture.
- Also used in automobile tires for lining of light side-frames.
- Product is non-staining and non-discolouring.
- Soluble in aliphatic and aromatic hydrocarbons, chloroform and carbon tetrachloride.
- Insoluble in water.

PACKAGING AND STORAGE

Product is packaged in 30±1 kg rubber bales wrapped in polyethylene foil and stowed in wooden crates 450 kg per crate. Rubber briquettes are packaged in polyethylene film of trade M, H and T according to GOST 10354. Paper four-layer glued bags of any grade, except HM at GOST 2226. Polyethylene film and paper bags of all sorts with analogous characters are allowed for use. For export, rubber briquettes are packaged in one-layer polyethylene film and placed in wooden pallets. The rubber is transported by all forms of covered transportation, in accordance with all rules and regulations of cargo transportation. This product should not be stored at temperatures above 30 (°C). DO NOT store near strong oxidizing agents.

HANDLING PRECAUTIONS

For detailed information on toxicological properties and handling precautions, please refer to the current Material Safety Data Sheet. This information is available by request from **SunBoss Chemicals Corp.**

[Revised: January 30, 2015 [by kk]