SBR 1500

Astlett Rubber
Natural and Synthetic Rubber, Since 1885 Inc.

SKS-30 ARK Grade Cold Polymerized Emulsion Styrene Butadiene Rubber

Description

SBR 1500 is produced via butadiene and styrene co-polymerization in emulsion.

This rubber does not require special plastification. It is miscible with different ingredients of formulations and is compatible with others types of general purpose rubbers (BR, Polyisoprene, etc.).

End Use

The rubber is used quite extensively in production of tires, camelback, molded and extruded mechanical goods.

Packing

SKS-30 is produced in 30 kg briquettes, wrapped in marked polyethylene film and four-layer craft bags. The briquettes are packed in wooden pallets of about 450 kg net weight.

Origin

Country: Russia

Note: The technical data listed in this publication are typical values. Therefore, there may be a slight differences between the elements of a supplied product and the data.

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Technical Specification

Property	High Grade	First Grade
Mooney Viscosity (ML 1+4 100℃)	45-57	46-57
Viscosity alteration on lot *	5	6
Defo hardness, H (gs)	-	-
Tensile Strength (Mpa) **	265	260
Elongation at Break (%) **	550-750	550-750
Residual deformation at Break (%) *	-	-
Rebound Elasticity (%) **	29	28
Mass losses at drying (%) *	0,35	0,40
Mass fraction of ash (%) *	0,6	0,6
Mass fraction of organic acids (%)	4,0-5,6	4,0-5,6
Mass fraction of organic acids soap (%) *	0,15	0,20
Mass fraction of oil (%)	-	-
Mass fraction of bound monomer (%) Styrene Metylstyrene Metylmethactrylate	 22,5-24,5 22-25 -	 22,5-24,5 22-25 -
Mass Fraction of antioxidant (%) VS-1 VS-30 A VTS-150 Agidol-2 Agidol-1 P-23 (Alkofen B) Fosfit NF, AO-6, Polygard	 - 1,0-2,0 1,0-1,4 0,7-1,2 - 0,4-1,2 1,0-2,0	 - 1,0-2,0 1,0-1,4 0,7-1,2 - 0,4-1,2 1,0-2,0
Solubility of rubber in toluene (%) **	-	-
Mass fraction of PCV (%)	-	-

* No more than
** No less than