

# SKS-30 ARKPN

## SBR 1502 Grade Cold Polymerized Emulsion Styrene Butadiene Rubber

### Description

SKS-30 ARKPN is a Russian-manufactured analogue of SBR 1502 rubber.

SKS-30 is a co-polymerization product of butadiene and styrene in emulsion. This rubber does not require special mastification.

SKS-30 is miscible with different ingredients of vulcanized rubber mixtures and compatible with other general purpose rubber types (BR, polyisoprene, etc.).

### End Use

SKS-30 is a general purpose rubber. It is used in the tire industry for tire treads and tire parts manufacturing. Other applications include rubber technical good and footwear (white and colour vulcanized rubber shoes).

### Packing

SKS rubber 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

Astlett Rubber Inc.  
Suite 400  
277 Lakeshore Road East  
Oakville, ON  
L6J 1H9  
Telephone: (905) 842-2700  
Fax: (905) 842-2701  
Website: www.astlettrubber.com

### Technical Specification

Property	1 Grade	2 Grade	3 Grade
Mooney Viscosity (ML 1+4 (100°C))	27-37	38-48	48-58
Viscosity alteration on lot *	8	8	8
Tensile Strength (Mpa) **	235	275	270
Elongation at Break (%) **	560	560	550
Rebound Elasticity (%) **	33	37	37
Mass losses at drying (%) *	0,40	0,40	0,40
Mass fraction of ash (%) *	0,8	0,8	0,8
Mass fraction of organic acids (%)	5,0-7,2	5,0-7,2	5,0-7,2
Mass fraction of organic acids soap (%) *	0,3	0,3	0,3
Mass fraction of bound monomer (%)			
Styrene	22-25	22-25	22-25
Methylstyrene	22-25	22-25	22-25
Methylmethacrylate	-	-	-
Mass Fraction of antioxidant (%)			
VS-1	-	-	-
VS-30 A	1,0-2,0	1,0-2,0	1,0-2,0
VTS-150	-	-	-
Agidol-2	0,7-1,2	0,7-1,2	0,7-1,2
Agidol-1	-	-	-
P-23 (Alkofen B)	0,4-1,2	0,4-1,2	0,4-1,2
Fosfit NF, AO-6, Polygard	1,0-2,0	1,0-2,0	1,0-2,0

\* No more than

\*\* No less than

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.