SBR 1712

Astlett Rubber
Natural and Synthetic Rubber, Since 1885
Inc.

SKS-30 ARKPN-27 Grade Cold Polymerized Emulsion Styrene Butadiene Rubber

Description

SBR 1712 is a staining type cold SBR. Raw materials for this elastomer are carefully chosen to produce the best physical properties and processing characteristics at economical cost.

The dark coloured staining type oil used, for example, possesses a higher level of plasticizer rubbers. Choice of this more efficient plasticizer results in a polymer having superior physical and processing properties compared to other oil-extended rubbers.

End Use

Application possibilities for ARKPN-27 include tire, camelback and mechnical goods compounds where color and staining are not decisive factors.

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 205
277 Lakeshore Road East
Oakville, ON
L6J 1H9
Telephone: (905) 842-2700
Fax: (905) 842-2701
Website: www.astlettrubber.com

Technical Specification

Property	High Grade	First Grade
Mooney Viscosity (ML 1+4 100°C)	36-44	45-54
Viscosity alteration on lot *	8	8
Tensile Strength (Mpa) **	225	220
Elongation at Break (%) **	550-750	550-750
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 (%)	26-29	26-29
Mass fraction of bound monomer (%)		
Styrene	22-25	22-25
Metylstyrene	22-25	22-25
Metylmethactrylate	-	-
Mass Fraction of antioxidant (%)		
VS-1	0,3-0,7	0,3-0,7
VS-30 A	-	-
VTS-150	1,0-0,4	1,0-0,4
Agidol-2	0,8-1,5	0,8-1,5
Agidol-1	-	-
P-23 (Alkofen B)	-	-
Fosfit NF, AO-6, Polygard	-	-

* 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.

© Astlett Rubber Inc.