Butadiene-styrene rubber SKS-30 ARK
analogue of SBR-1500

Butadiene - styrene synthetic rubber SKS-30 ARK is produced via butadiene and styrene co-polymerization in emulsion. This rubber does not require special plastification. It is good miscible with different ingredients of formulations and is compatible with other types of general purpose rubbers (BR, polyisoprene).

Application

Butadiene-styrene rubber SKS-30 ARK is general purpose rubber. It is used in tire industry for tire treads and other tire parts manufacturing. It is also suitable for rubber-technical and footwear industries. In footwear industry, it is used for white and color shoes manufacturing.

Technical specification

	SKS (SKMS)-30 ARK	
	High grade	First grade
Mooney viscosity MB 1÷4(100°C)	45-57	46-57
Viscosity alteration on lot, no more than	5	6
Defo hardness, H (gs)	-	
Tensile strength, Mpa, no less than	26,0(265)	25,5(260)
Elongation at break, %, no less than	550-750	550-750
Residual deformation after break, %, no more	-	
Rebound elasticity, %, no less than	29	28
Mass losses at drying, %, no more than	0,35	0,40
Mass fraction of ash, %, no more than	0,6	0,6
Mass fraction of organic acids, %	4,0-5,6	4,0-5,6
Mass fraction of organic acids's soap, %, no more than	0,15	0,20
Mass fraction of oil, %	-	
Mass fraction of bound monomer, % Styrene, or ?-metylstyrene or metylmethactrylate	 22,5-24,5 22-25 -	 22,5-24,5 22-25 -
Mass fraction of antioxidant, %, VS-1 or VS-30 A or VTS-150 or Agidol-2 or Agidol-1 or P-23 (alkofen B) or 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, %, no less than	-	
Mass fraction of PVC, %	-	

Package

The SKS Rubber is produced in 30+1kg briquettes, wrapped in marked polyethylene film and 4-layer craft bags. The briquettes may be packed in wooden pallets about 450 kg. net weight.