

**The synthetic polybutadiene rubber - SKD
analogue of BR-1220**

The SKD Rubber is a product of butadiene solution polymerization with the use of titanium catalytic system and 1,4 cis-units content of 90 %.

Application

The polybutadiene SKD Rubber is applied in tire-, rubber-technical- and asbestos-technical industries.

The SKD is easy compatible with natural and butadiene-styrene rubbers in any proportions. This property is very important for the production of SKD-based products. The mixtures, prepared on the base of SKD, have excellent high wear-resistance.

Technical specification

	SKD	
	High grade	First grade
Mooney viscosity VL 1+4(100°C)	40-50	40-50
Viscosity alteration on lot, no more than	6	8
Mass fraction of ash, %, no more than	0,3	0,3
Mass losses at drying, %, no more than	0,8	0,8
Tensile strength, Mpa, no less than	19,1(195)	19,1(195)
Elongation at break, %, no less than	480	480
Residual deformation after break, %, no more than	12	12
Rebound elasticity, %, no less than	0,3	0,3
Modulus at 300 % elongation, Mpa, no less than	6,9 (70)	6,9 (70)
Mass fraction of antioxidant, %, or	0,4-0,1	0,4-0,1
Agidol-1	-	-
VTS-150	-	-
VS-35	-	-
Agidol-2	-	-

Package

The SKD 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.