

**NITRILE-BUTADIENE RUBBER ( NBR 26 )**

The NITRILAST Rubber is a product of a low temperature co-polymerisation of butadiene with a ACN, using as an emulsifier - tall oil potassing soap or mixture of soaps on the base of rosin and fatty acids. The vulcanizate of NITRILAST differs from its analogues by higher physico-mechanical figures and by higher benzene- and oil- resistance. The vulcanizate, extended by Nitrilast, considerably exceed abrasion resistance of NR. The grades of this rubber as Nitrilast 18, 18 M have also a great cool-resistance.

**APPLICATION**

The Nitrilast Rubber is applied for manufacturing a variety of benzene- and oil- resistant goods for auto, aircraft and rubber-technical industries.

**TECHNICAL SPECIFICATION**

	<b>Nitrilast-18</b>	<b>Nitrilast-18M</b>	<b>Nitrilast-26</b>	<b>Nitrilast-26M</b>
Analogues	DN401 NZ	1845 DN401 L	2895 Bayer	2845 N 28.60
Mooney Viscosity ML(1+4) 100°C	80-120	43-55 56-68	80-120	43-55 56-68
Tensile strength, Mpa, no less than	18,6 (190)	17,6 (180)	24,0 (245)	23,5 (240)
Elongation at break, %, no less than	450	450	425	450
Vulcanizate mass variation in isooctan- toluene, %	65	65	34	34
Ash content, %, no more than	0,6	0,6	0,6	0,6
Drying mass loss, %	0,8	0,8	1,0	1,0
Antioxidant, %, VS-30A, Agidol - 2	1,0-1,5 0,5-1,2	1,0-1,5 0,5-1,2	1,0-1,5 0,5-1,2	1,0-1,5 0,5-1,2
Content of organic acids, %, no more than	4,5	4,5	4,5	4,5
Content of organic Acids soaps, %, no more than	0,4	0,4	0,4	0,4
Content of bound Nitrile of acrylic Acids, %	17-20	17-20	27-30	27-30

**PACKAGE**

The Nitrilast Rubber is produced in 30+1 kg briquettes, wrapped in marked polyethylene film and 4-layer craft bags. The briquettes may be packed in crates about 450 kg.