



3770 Embassy Parkway Akron, Ohio 44333
 330-535-2100 ♦ 800-321-2260 ♦ Fax 330-535-8947

ELASTOMERS -NITRILES (NBR)-

NITRILE RUBBER (NBR) (Acrylonitrile-Butadiene)

Below is a brief listing of Akrochem's commercial acrylonitrile-butadiene (Nitrile or NBR) copolymers and their relevant typical properties. Nitriles are best known for their resistance to oils, greases and fuels in combination with high temperature and abrasion resistance. NBR's prominent characteristics are:

- ⇒ excellent oil, grease and fuel resistance
- ⇒ very good high temperature and abrasion resistance
- ⇒ good dynamic fatigue resistance
- ⇒ excellent physical properties
- ⇒ miscible with polar materials
- ⇒ low mold fouling (certain grades)*

Applications that customarily benefit from the use of NBR are in hoses, seals, gaskets, printing blankets, linings, milking inflations, roll covers, oil well cable covers, diaphragms, O-rings, footwear, friction stocks, conveyor belts and other extruded and molded articles.

LG Grade	Specific Gravity	Bound ACN Content % Weight	Mooney Viscosity ML(1+4) 100°C	Ash % (max)	Stabilizer	Packaging lbs
LG NBR 2255	0.95	22	55	0.4	Non-staining	77.0
LG NBR 7150	0.99	28	52	0.5	Non-staining	77.0
LG NBR 6230	0.99	34	34	0.5	Non-staining	77.0
LG NBR 6840*	0.98	34	40	0.5	Non-staining	77.0
LG NBR 6240	0.99	34	41	0.5	Non-staining	77.0
LG NBR 6850*	0.98	34	50	0.5	Non-staining	77.0
LG NBR 6250	0.99	34	50	0.5	Non-staining	77.0
LG NBR 6280	0.99	34	80	0.5	Non-staining	77.0
LG NBR 3250	0.99	42	55	0.5	Non-staining	77.0

***-low mold fouling grades**
Packaging: Bale Weight 77 lbs

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