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ELASTOMERS -NITRILES (NBR)-

NITRILE RUBBER (NBR)

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

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 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 6260	0.99	34	60	0.5	Non-staining	77.0
LG NBR 6280	0.99	34	80	0.5	Non-staining	77.0

* - Low mold fouling grades

Packaging: Bale Weight 77 lbs

Tee – 6/17/2020, t-lg chem. nitrile rubber

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