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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.

Apcoflex Grade	Specific Gravity	Bound ACN Content % Weight	Mooney Viscosity ML (1+4) 100°C	Ash %	Stabilizer	Packaging lbs.
Apcoflex N285	0.98	28	50	0.5	Non-staining	77.0
Apcoflex N287	0.98	28	70	0.5	Non-staining	77.0
Apcoflex N745	0.98	33	42	0.5	Non-staining	77.0
Apcoflex N746	0.98	33	48	0.5	Non-staining	77.0
Apcoflex N749	0.98	33	80	0.5	Non-staining	77.0
Apcoflex N385	0.98	40	55	0.5	Non-staining	77.0
Apcoflex N388	0.98	40	80	0.5	Non-staining	77.0

Carboxylated NBR

Apcoflex NX146	0.99	33	45	0.5	Non-staining	77.0
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Non-DOP Plasticizer Extended

Apcoflex N634E	0.98	33	44	0.5	Non-staining	77.0
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Packaging: Bale Weight 55.0 and 77.0 lbs

STORAGE:

Store in original packaging away from direct sunlight and sources of heat.

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