

Acrylonitrile Butadiene Elastomer (85+/-5 A Durometer White FDA Nitrile)

SPECIFICATIONS

Typical Readings	Value
Durometer	83A
Tensile	1625psi
Elongation	270%
100% Modulus	931psi
200% Modulus	1240psi
Specific Gravity	1.44
Color	White

DESCRIPTION

MN293 is a NBR compound specially compounded as food grade. Nitrile elastomer NBR is an amorphous random copolymer of butadiene and acrylonitrile. There are numerous NBR copolymers available globally. As a thermoset elastomer, an NBR compound consists of NBR copolymer, carbon black reinforcement fillers, curing agents, molding process aids and specialty additives. NBR articles are molded by injection, transfer, compression or extrusion processes. NBR lends itself to a virtually infinite number of compounded materials and versatile in applications. The essential feature of NBR elastomer is the presence of Nitrile, a functional group. This polar group is responsible for its significantly increased chemical resistance.

FDA APPROVED