



(586) 948-9920 | www.rapiddiecut.com

Black Nitrile Rubber

Product Code: Style 6130

Description: 40, 50, 60, 70 Duro Nitrile Rubber

Specifications: Black Nitrile Rubber
Temperature range -20F to 170F continuous.

Typical Rubber Properties	Test Method	Typical Value
Hardness (Shore A)	ASTM D2240	40, 50, 60, 70 ±5
Tensile Strength	ASTM D412	750 PSI Min
Elongation	ASTM D412	300% Min
Finish	Visual	Plate/Smooth
Color	Visual	Black

General Polymer Characteristics:

Nitrile rubber is a copolymer of butadiene and acrylonitrile. In addition to its excellent elastomeric properties, it is resistant to oil, caustics, and aliphatic hydrocarbons. Nitrile is not suitable for solvents and chlorinated hydrocarbons. Its maximum temperature limit is 212F. Nitrile rubber is also referred to as Buna-N Rubber or NBR. White Nitrile is FDA certified for food and medical applications.

Thermodyn products are manufactured to general RMA standards and meet the above data sheet guidelines. It is the responsibility of the end user to qualify the material to its intended application. Defects or damage resulting from misuse or mishandling are not covered by Thermodyn's limited liability policy. Values covered in this data sheet are nominal values that we believe to be accurate and reliable for purpose of qualification in end use applications.