



ENGLISH

Material Specification

White Nitrile Rubber

RS Stock No: 5063242

Product

Commercial SBR/NBR Food Quality

Colour

White

Basic Properties

	Value	Test method	Unit
Base Polymer	SBR/NBR		
Indentation Hardness	60 Shore A -4 +5	ASTM D2240 00	Degrees
Specific Gravity	1.5 +/- 0.05	ASTM D792	g/cm ³
Tensile strength – Minimum	8	ASTM D412	Mpa
Elongation @ Break – Minimum	350	ASTM D412	%
Min Continuous Working Temp	-25		°C
Max Continuous Working Temp	70		°C
Max Intermittent Working Temp	90		°C
Compression Set 70 Degree 22 hrs	0	ASTM D395 Method B	%

Guidelines for use *(it is customer responsibility to ensure suitability of use)*

Food Use Suitability	Excellent
Abrasion Resistance	Moderate
Ozone Weather Resistance	Moderate
Flame Retardency	Not recommended
Electrical Resistance	Not recommended
General Purpose	Not recommended

Additional information

The component parts used and maximum levels in compound mixture are in accordance with FDA (Food & Drug Administration – Department of Health and Human Services) part 177 – indirect food additives section 177.2600 – rubber articles for repeated use.