

Nitrile (NBR) FDA approved

VRTRADE



FDA Approved
part.177-Indirect food add.sect.177.2600



EC1935/2004 approved

MECHANICAL	Standard	Value	
Rubber compound		NBR	
Density	ASTM D3575	1.55 +/-0.05	g/cm3
Hardness	ASTM D2240	60 ⁰ +/-5	Shore A
Tensile strength	ISO 37	≥ 5	MPa
Elongation at break	ISO 37	≥ 500	%
Tear resistance		0	N/mm
Compression set after 24h at 70 ⁰ C		0	%
TEMPERATURE			
Working temperature		-30 ⁰ C - +110 ⁰ C	
AGEING			
Δ Hardness		0	%
Δ Tensile		0	N/mm
Δ Elongation at break		0	%
OIL RESISTANCE			
Oil IRM 901, Δ volume after 72h at 100 ⁰ C		0	%
Oil IRM 903, Δ volume after 72h at 100 ⁰ C		0	%

CHEMICAL RESISTANCE

Diluted acids and bases
Concentrated acids and basis
Ozone and UV
Oils and hydrocarbons

Good
Good
Medium
Good