

RUBBER FORMULA BA7216



Technical Data Sheet

Highlights

Cream FDA –milk and edible oils nitrile rubber formulation
Low extractables
Low odor

Physical Properties

Density	1,39 Mg/m ³	ISO 2781
Hardness	68 Shore A 2"	ISO 868
Hardness	67 Shore A 10"	ISO 868
Hardness	71 Shore M	ASTM D2240
Elastic modulus 100%	3.2 MPa	ISO 37
Rupture strength	14 MPa	ISO 37
Elongation at rupture	560 %	ISO 37
Compression set 25%/22h/70°C	11 %	ISO 815
Tension set 50%/100h/50°C	5 %	

Chemical Properties

TEST MEDIUM	THICKNESS SWELL %/23°C		CHANGE OF SHORE M	
	3 days	8 weeks	3 days	8 weeks
Hexane	2	2	-6	-6
Toluene	41	39	-23	-25
Water	1	3	-7	-8
Water/Ethanol 1:1	2	3	-9	-9
Ethanol	6	6	-8	-8
Isopropanol	3	6	-7	-7
Dimethyl ether (DME)	28	27	-19	-20
Ethyl acetate	41	41	-20	-20
Acetone	52	51	-24	-29
Methylene chloride	80	81	-46	-60
Perchloro ethylene	13	13	-15	-13
Petroleum Ether	2	3		
R-134 A	5	6		
Propane / Butane (15/85)	3	3		

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Weight loss & Color

TEST MEDIUM	WEIGHT LOSS % 24h./23°C	COLOR (Gardner)
Hexane	0.9	<1
Ethanol	1.0	<1
Methylene chloride	0.8	<1

Regulatory Compliance

FDA Title 21, paragraph 177.2600 – milk and edible oils

Phthalates free

Heavy metals (Directive 94/62 CEE and CONEG)

PAH free

Substance halogenated free

Latex free

BSE (Emea/410/01 rev.2)

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