

RUBBER FORMULA BA7300



Technical Data Sheet

Highlights

Grey FDA-milk and edible oils nitrile rubber formulation
 Low extractables
 No plasticizers
 Very low odor

Physical Properties

Density	1,40 Mg/m ³	ISO 2781
Hardness	n.d. Shore A 2"	ISO 868
Hardness	74 Shore A 10"	ISO 868
Hardness	n.d. Shore M	ASTM 2240
Elastic modulus 100%	5.4 MPa	ISO 37
Rupture strength	18.7 MPa	ISO 37
Elongation at rupture	475 %	ISO 37
Compression set 25%/22h/70°C	16 %	ISO 815
Tension set 50%/100h/50°C	n.d%	

Chemical Properties

TEST MEDIUM	THICKNESS SWELL %/23°C		CHANGE OF SHORE M	
	3 days	8 weeks	3 days	8 weeks
Hexane	1	2		
Toluene	34	34		
Water	1	6		
Water/Ethanol 1:1	3	6		
Ethanol	8	8		
Isopropanol	3	6		
Dimethyl ether (DME)	24	25		
Ethyl acetate	39	39		
Acetone	53	54		
Methylene chloride	74	74		
Perchloro ethylene	11	10		
Petroleum Ether	0	1		
R-134 A	4	6		
Propane / Butane (15/85)	2	5		

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Weight loss & Color

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

Regulatory Compliance

FDA Title 21, paragraph 177.2600 – milk and edible oils
Heavy metals (Directive 94/62 CEE and CONEG)
Latex free
Phthalates free
PAH free
Substance halogenated free
BSE (Emea/410/01 rev.2)

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