

RUBBER FORMULA NA7202



Technical Data Sheet

Highlights

Black neoprene rubber formulation
 Low crystallization at low temperature
 Nitrosamines and nitrosables free
 Non staining

Physical Properties

Density	1,48 Mg/m ³	ISO 2781
Hardness	72 Shore A 2"	ISO 868
Hardness	71 Shore A 10"	ISO 868
Hardness	75 Shore M	ASTM D2240
Elastic modulus 100%	9.5 MPa	ISO 37
Rupture strength	12.5 MPa	ISO 37
Elongation at rupture	133 %	ISO 37
Compression set 25%/22h/70°C	8%	ISO 815
Tension set 50%/100h/50°C	3.4%	

Chemical Properties

TEST MEDIUM	THICKNESS SWELL %/23°C		CHANGE OF SHORE M	
	3 days	8 weeks	3 days	8 weeks
Hexane	3	3	-2	-2
Toluene	35	35	-9	-10
Water	1	5	-1	-2
Water/Ethanol 1:1	1	4	-1	-2
Ethanol	-1	-3	1	3
Isopropanol	-1	-3	1	3
Dimethyl ether (DME)	12	12		
Ethyl acetate	16	17	-7	-7
Acetone	5	5	-4	-4
Methylene chloride	30	31	-8	-9
Perchloro ethylene	30	31	-9	-9
Petroleum Ether	5	5		
R-134 A	0	-3		
Propane / Butane (15/85)	5	3		

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Weight loss & Color

TEST MEDIUM	WEIGHT LOSS % 24h./23°C	COLOR (Gardner)
Hexane	7.1	<1
Ethanol	2.2	<1
Methylene chloride	9.3	<1

Regulatory Compliance

Phthalates free
Nitrosamines and nitrosables free
Heavy metals (Directive 94/62 CEE and CONEG)
Latex free
BSE (Emea/410/01 rev.2)

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