

RUBBER FORMULA CA6600



Technical Data Sheet

Highlights

Black FDA chlorobutyle rubber formulation
 Low permeability
 No plasticizers
 Nitrosamines and nitrosables free

Physical Properties

Density	1,18 Mg/m ³	ISO 2781
Hardness	68 Shore A 2"	ISO 868
Hardness	67 Shore A 10"	ISO 868
Hardness	75 Shore M	ASTM D2240
Elastic modulus 100%	9.0 MPa	ISO 37
Rupture strength	13.0 MPa	ISO 37
Elongation at rupture	148 %	ISO 37
Compression set 25%/22h/70°C	6 %	ISO 815
Tension set 50%/100h/50°C	4 %	

Chemical Properties

TEST MEDIUM	THICKNESS SWELL %/23°C		CHANGE OF SHORE M	
	3 days	8 weeks	3 days	8 weeks
Hexane	32	31	-9	-11
Toluene	34	34	-9	-11
Water	0	1	-1	-1
Water/Ethanol 1:1	0	1	-1	-1
Ethanol	0	1	-1	-2
Isopropanol	1	1	-1	-2
Dimethyl ether (DME)	13	12	-8	-8
Ethyl acetate	7	6	-7	-7
Acetone	3	4	-4	-5
Methylene chloride	23	22	-10	-11
Perchloro ethylene	43	43	-11	-11
Petroleum Ether	37	36		
R-134 A	0	1		
Propane / Butane (15/85)	21	21		

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Weight loss & Color

TEST MEDIUM	WEIGHT LOSS % 24h./23°C	COLOR (Gardner)
Hexane	1.1	<1
Ethanol	0.4	<1
Methylene chloride	1.9	1

Regulatory Compliance

FDA Title 21, paragraph 177.2600

Phthalates free

Heavy metals (Directive 94/62 CEE and CONEG)

Nitrosamines and nitrosables free

Latex free

BSE (Emea/410/01 rev.2)

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