



DATA SHEET NBR70HLT

General properties

Standard	ASTM
Indicative working temperature	-40°C/+100°C
Color	BLACK
Chemical resistance	<input type="checkbox"/> Oil Free <input checked="" type="checkbox"/> Phthalate Free <input checked="" type="checkbox"/> Reach&RoHs2.0

Properties

	Method	Unit	Required value	value
Hardness	ASTM D 2240	Shore A	70+/-5	73
Tensile strength	ASTM D 412/C	N/mm2(Mpa)		19.77
Elongation at break	ASTM D 412/C	%		288
Tear strength	ASTM D 624/B	N/mm		51.94
Specific gravity	ASTM D 1817	g/cm3		1.228
Low temperature test-TR10	ASTM D 1329	°C		
Low temperature test-Brittleness	ASTM D 746	°C		
Compression Set after deformation of 25%, 22 hours at 100°C	ASTM D 395/B	%		7
Modulus at 100%		Mpa		5.17

Ageing

Fluid	Time(h)	Temperature °C	Tensile %	Elongation %	Hardness Pts	Volume %	Weight %
Air	70	125	-2	-26	+5	-1.7	
ASTM1	70	125	+3	-19	+4	-4.8	
ASTM3	70	125	-1	-11	-8	+11.3	

Low temperature resistance , ASTM D2137,Method A , 3 mins at -40°C PASS

Approval

SPEC: ASTD D2000 M2CH714A25B14B34EO15EO35F17

Date : 09/11/2011

Edit date: 05/07/2021

Index:

Author:

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006

These data are for information only.

They can be modified at any moment without notice.

Values indicated above are based on tests conducted on laboratory samples.

Values on finished parts can be different depending on shape, curing parameters etc