



## DATA SHEET IIR70

### 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	IRHD	70+/-5	71
Tensile strength	ASTM D 412/C	N/mm2(Mpa)		12.33
Elongation at break	ASTM D 412/C	%		260
Tear strength	ASTM D 624/B	N/mm		40.08
Specific gravity	ASTM D 1817	g/cm3		1.204
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 70°C	ASTM D 395/B			20.4
Modulus at 100%		Mpa		2.74

### Ageing

Fluid	Time(h)	Temperature °C	Tensile %	Elongation %	Hardness Pts	Volume %	Weight %
-------	---------	----------------	-----------	--------------	--------------	----------	----------

### Approval

SPEC: M3BA710A14B13

Date : 06/04/2012

Edit date: 10/01/2022

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