



DATA SHEET CR80

General properties

Standard	ASTM
Indicative working temperature	-35°C/+110°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 1415	IRHD	80+/-5	76
Tensile strength	ASTM D 412/C	N/mm2(Mpa)		19.62
Elongation at break	ASTM D 412/C	%		179
Tear strength	ASTM D 624/B	N/mm		37.89
Specific gravity	ASTM D 1817	g/cm3		1.427
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	%		17.4
Modulus at 100%		Mpa		10.1

Ageing

Fluid	Time(h)	Temperature °C	Tensile %	Elongation %	Hardness Pts	Volume %	Weight %
Air	70	100	+1	-8	+8	-1.7	
ASTM1	70	100	0	-13	+9	-2.6	
ASTM3	70	100	-17	-15	-18	+44.4	

Approval

SPEC: ASTM D2000 M2 BC 814 A14 B14 EO14 EO34

Date : 08/10/2015

Edit date: 09/01/2022

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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