



# DATA SHEET KF80 green

## General properties

Standard	ASTM
Indicative working temperature	-15°C/+250°C
Color	GREEN
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	80+/-5	83
Tensile strength	ASTM D 412/C	N/mm2(Mpa)		11
Elongation at break	ASTM D 412/C	%		115
Tear strength	ASTM D 624/B	kg/m		24
Specific gravity	ASTM D 1817	g/cm3		2.19
Low temperature test-TR10	ASTM D 1329	°C		-15.7
Low temperature test-Brittleness	ASTM D 746	°C		-8.1
Compression Set after deformation of 25%, 22 hours at 200°C	ASTM D 395/B	%		20

## Ageing

Fluid	Time(h)	Temperature °C	Tensile %	Elongation %	Hardness Pts	Volume %	Weight %
Air	70	250	-5	-14	+2	-4	
EO88#7700 OIL	70	200	-25	-16	-12	+18	
Fuel C Resistance	70	23	-22	-15	-3	+5	
ASTM #101 OIL	70	200	-17	-11	-8	+12.3	
ASTM #1 OIL	70	150	+9	-7	0	+0.8	
ASTM IRM903 OIL	70	150	+4	-2	-2	+2.4	
Bio-Diesel Oil Resistance				-1	0	+3	

## Approval

SPEC:  
Date : 11-06-2007  
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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