

# Material data sheet 66628

## FKM 70

Indicative temperature range : **-15°C / 250°C**

Color : **Green**

RoHS (2002/95)

VHU (2000/53)

SVHC<sup>1</sup> Free

Phthalate Free

## Properties

Property	Standard	Unit	Required value	Value
Hardness	ASTM D2240	Shore A	70+/- 5	70+/- 5
Tensile strength	ASTM D412/ C	MPa	>10	>10
Specific gravity	ASTM D1817	g/ cm3	2.07+/- 0.1	2.07+/- 0.1
Maximum elongation	ASTM D412/ C	%	>150	>150
Compression set	ASTM D395/ B	%	<25	<25
	<i>Initial deformation 25 % - Temperature 200 °C - Duration 22 h - Media Air</i>			
Low temperature test	ASTM D1329	°C	-15	-15
	<i>TR 10</i>			

## Ageing

Media	Temperature °C	Duration h	Traction %	Elongation %	Hardness Pts	Volume %	Weight %
Air	250 °C	70 h	-25 / 25	-25	-5 / 10		
Fuel C	23 °C	70 h	-25	-20 / -5	5	10	
ASTM 3	70 °C	70 h				10	

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.

