

127006228

FKM 70 blue

Rev. 03

General Application Temperature Range

From -20°C
To +220°C

General Environmental Application

Chemicals
Hydrocarbons
High Temp.
Hydrogen

Curing System

Bisphenol AF

Compliances

Hydrogen compatibility
According to SAE J2600,
clause 5.5.3

Note

Disclaimer

Tests performed on test slabs. Temperatures, applications, and indications are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

PHYSICAL AND MECHANICAL PROPRIETIES

Property	Test STD	Unit	Value
Density	ASTM D1817	g/cm ³	2.04 ± 0.03
Hardness	ASTM D2240	Shore A	70 ± 5
Tensile Strength	ASTM D412 C	MPa	> 13
Elongation	ASTM D412 C	%	> 150

LOW TEMPERATURE RESISTANCE

Property	Test STD	Unit	Value
TR10	ASTM D1329	°C	< -16

COMPRESSION SET TESTS

Parameters	Test STD	Unit	Value
24h @ 200°C	ASTM D395 B	%	< 14
72h @ 200°C	ASTM D395 B	%	< 22

AGEING PROPERTIES

Heat Aging - 70h @ 250°C		Standard: ASTM D573	
Properties	Unit	Value	
Hardness	Shore A	+ 2.5	
Tensile Strength	%	-14.6	
Elongation	%	-16.3	
Volume	%		
Weight	%		

IRM OIL 903 - 70h @ 150°C		Standard: ASTM D471	
Properties	Unit	Value	
Hardness	Shore A	-0.5	
Tensile Strength	%	-5.5	
Elongation	%	+1.3	
Volume	%	+2.2	
Weight	%		

		Standard:	
Properties	Unit	Value	
Hardness	Shore A		
Tensile Strength	%		
Elongation	%		
Volume	%		
Weight	%		

		Standard:	
Properties	Unit	Value	
Hardness	Shore A		
Tensile Strength	%		
Elongation	%		
Volume	%		
Weight	%		