



# FOLON.A RUBBER TECHNOLOGY CO., LTD.

TEST REPORT

2023/1/10 11:12

MATERIAL	FKM80G01		LOT.NO:1109	
Original Properties		SPEC	Test Methods	Value
Shore A hardness	Points	80±5	D-2240	81
Tensile strength	Mpa	≥10	D-412	14.3
Elongation	%	125	D-412	217
<b>Heat Aged, 250°C@70hr</b>				
Hardness change	Points	10	D-573	2
Tensile strength change	%	-25	D-573	10
Elongation change	%	-25	D-573	-9.4
<b>Compression Set, 200°C@22hrs</b>				
Compression set	%	35	D-395	14.7
<b>ASTM#1 OIL Resistance, 175°C@70hr</b>				
Hardness change	Points	-10	D-471	+1
Tensile strength change	%	-25	D-471	5.8
Elongation change	%	-25	D-471	-13.7
volume change	%	5	D-471	0
<b>ASTM#903 OIL Resistance, 175°C@70hr</b>				
Hardness change	Points	-10	D-471	-1
Tensile strength change	%	-25	D-471	-3.4
Elongation change	%	-25	D-471	-19.2
volume change	%	-8	D-471	4.42
<b>F Low Temperature -18°C@3min</b>				
F Low Temperature -18°C@3min				PASS

Engineer :Yangli

Plant Manager :