



# FOLON.A RUBBER TECHNOLOGY CO., LTD.

TEST REPORT

2023/1/10 11:08

MATERIAL	FKM75N01		LOT.NO:1124	
	ASTMD2000M2HK710A1-10B38E078E088F15			
Original Properties		SPEC	Test Methods	Value
Shore A hardness	Points	75±5	D-2240	72
Tensile strength psi	Mpa	10	D-412	11.3
Elongation	%	175	D-412	260
<b>A1-10 Heat Aged,250°C@70hr</b>				
Hardness change	Points	10	D-573	2
Tensile strength change	%	-25	D-573	-16
Elongation change	%	-25	D-573	-9.4
<b>B38 Compression Set,200°C@22hrs</b>				
Compression set	%	30	D-395	15.8
<b>E078 Resistance,200°C@70hr</b>				
Hardness change	Points	-15+5	D-471	-4
Tensile strength change	%	-40	D-471	-17.3
Elongation change	%	-20	D-471	-8.5
volume change	%	0/15	D-471	3.8
<b>E088 Resistance,200°C@70hr</b>				
Hardness change	Points	-15+5	D-471	-5
Tensile strength change	%	-40	D-471	-9.6
Elongation change	%	-20	D-471	-12.1
volume change	%	25	D-471	7.1
<b>F15 Low Temperature -25°C@3min</b>				
<b>F Low Temperature -25°C@3min</b>				PASS

Engineer :Yangli

Plant Manager :