



FOLON.A RUBBER TECHNOLOGY CO.,LTD.

TEST REPORT

2023/1/11 15:09

MATERIAL	NBRB85		LOT.NO:220907	
	ASTMD2000M2BG810A14B14EA14E014E034			
Original Properties		SPEC	Test Methods	Value
Shore A hardness	IRHD	85±5	D-1415	85
Tensile strength psi	Mpa	14	D-412	17.8
Elongation	%	100	D-412	181
A14 Heat Aged,100°C@70hr				
Hardness change	IRHD	±15	D-1415	1
Tensile strength change	%	-30	D-573	2.5
Elongation change	%	-50	D-573	-11.5
B14 Compression Set,100°C@22hrs				
Compression set	%	25	D-395	13
EA14 Water Resistance 100°C@70hr				
Hardness change	IRHD	±10	D-1415	0
Tensile strength change	%	0	D-471	0
Elongation change	%	0	D-471	0
Volume change	%	±15	D-471	0.07
E014 ASTM#1 OIL Resistance,100°C@70hr				
Hardness change	IRHD	-5+10	D-1415	2
Tensile strength change	%	-25	D-471	-5.9
Elongation change	%	-45	D-471	-26.1
volume change	%	-10+5	D-471	-4.8
E034 ASTM#903 OIL Resistance,100°C@70hr				
Hardness change	IRHD	-10/+5	D-1415	-4
Tensile strength change	%	-45	D-471	-4.5
Elongation change	%	-45	D-471	-23
volume change	%	0/+25	D-471	8.1

Engineer:Yangli

Plant Manager

Leo