SO GIANT OIL SEAL INDUSTRIAL CO., LTD.

TEST REPORT

MATERIAL： AC00375A

Press Cure — Post Cure Date:2009/04/01

Sheet: 10 min 170 ℃ — Sheet: 2 hrs 180 ℃

Button: 10 min 170 ℃ — Button: 3 hrs 180 ℃

SpecM5DF706A26B16EO16EO36Z:75+/-5

Original Properties:		Spec.	
Hardness (Shore A)		70±5	79
Tensile Strength (Psi)	Min	870	1567
Elongation, %	Min	100	145
Tear Resistance (Kg/㎝)	Dic C		25
Modulus at 100 %	Psi		1430
Modulus at 200 %	Psi		
Modulus at 300 %	Psi		
Specific Gravity			1.45

A 26 Heat Resistance: 150 ℃ ** 70 hrs

Hardness Change	Point	Max	+10	+6
Tensile Strength Change	%	Max	−25	+10
Elongation Change	%	Max	−30	−6
Volume Change	%	Max		−3

A Heat Resistance: ℃ ** hrs

Hardness Change	Point	Max
Tensile Strength Change	%	Max
Elongation Change	%	Max
Volume Change	%	Max

B 16 Compression Set: 150 ℃ * 22 hrs Max % 80 54

B Compression Set: ℃ * hrs Max %

B Compression Set: ℃ * hrs Max %

C pphm * ℃ * hr 20%Elongation

EA 14 Water Resistance : 100 ℃ *70 hrs

Hardness Change	Point	Max
Tensile Strength Change	%	Max
Elongation Change	%	Max
Volume Change	%	Max

EO 16 ASTM # 1 Oil : 150 ℃ * 70 hrs

Hardness Change	Point	Max	−8~+10	+5
Tensile Strength Change	%	Max	−30	+15
Elongation Change	%	Max	−50	−9
Volume Change	%	Max	−5~+10	−3

EO 36 ASTM #903 Oil : 150 ℃ * 70 hrs

Hardness Change	Point	Max	−30	−9
Tensile Strength Change	%	Max	−60	+7
Elongation Change	%	Max	−50	+3
Volume Change	%	Max	+50	+9

EO ATF Oil : 150 ℃ *70 hrs

Hardness Change	Point	Max	+1
Tensile Strength Change	%	Max	+8
Elongation Change	%	Max	+4
Volume Change	%	Max	0

EF Fuel Resistance : 23 ℃ *70hrs

Hardness Change	Point	Max
Tensile Strength Change	%	Max
Elongation Change	%	Max
Volume Change	%	Max

EF Fuel Resistance : 23 ℃ *70hrs

Hardness Change	Point	Max
Tensile Strength Change	%	Max
Elongation Change	%	Max
Volume Change	%	Max

EF Fuel Resistance : ℃ * hrs

Hardness Change	Point	Max
Tensile Strength Change	%	Max
Elongation Change	%	Max
Volume Change	%	Max

F Low Temperature : ℃ * min.