



Material : AC00375A

Spec. ASTM D2000 M5DF706A26B16EO16EO36Z:HD75±5

Sheet 150*150*2 mm

Press Cure:170°C * 10 min

Post Cure:180°C * 2 hr

Button 29*12.5 mm

Press Cure:170°C * 10 min

Post Cure:180°C * 3 hr

Test Item	Test Methods	Unit	Remark	Min	Max	Result
Durometer Hardness (1sec)	ASTM D2240 Type A	*	Z	70.0	80.0	76.7
Tensile strength(psi)	ASTM D412 Die C	psi		870		1909
Elongation at Break	ASTM D412 Die C	%		100		188
Tear resistance Die C	ASTM D624 Die C	Kgf/cm				30.6
Modulus at 100 %	ASTM D412 Die C	psi				1355
Specific Gravity						1.406
<u>A26 Heat Resistance</u>	<u>ASTM D573 70hr@150°C</u>			Spec.		
Hardness Change(Shore A),max		point		+10		+4.0
Tensile Strength Change,max		%		-25		-4
Elongation Change,max		%		-30		-14
Volume Change		%				-1.7
<u>EO36 Fluid Resistance</u>	<u>ASTM D471 70hr@150°C</u> <u>IRM901</u>			Spec.		
Hardness Change(Shore A),max		point		-8~+10		+2.5
Tensile Strength Change,max		%		-30		+5
Elongation Change,max		%		-50		-21
Volume Change		%		-5~+10		+0.3
<u>EO36 Fluid Resistance</u>	<u>ASTM D471 70hr@150°C</u> <u>IRM903</u>			Spec.		
Hardness Change(Shore A),max		point		-30		-13.4
Tensile Strength Change,max		%		-60		0
Elongation Change,max		%		-50		-2
Volume Change		%		+50		+14.4
<u>B16 Compression Set</u>	ASTM D395 22hr@150°C	%	Button	80		43
<u>Compression Set</u>	ASTM D395 22hr@150°C	%	Plied			44