



Material : SE11070

Spec. ASTM D2000 M7GE705B37EA14EO16EO36F19Z:EB100%

Sheet 150*150*2 mm Press Cure:170°C * 10 min Post Cure:200°C * 4 hr

Test Item	Test Methods	Unit	Remark	Min	Max	Result
Durometer Hardness (1sec)	ASTM D2240 Type A			65.0	75.0	73.2
Tensile strength(psi)	ASTM D412 Die C	Psi		725		1082
Elongation at Break	ASTM D412 Die C	%	Z	100		183
Tear Resistance Die C	ASTM D624 Die C	Kgf/cm				16.4
Tear Resistance Die B	ASTM D624 Die B	Kgf/cm				12.2
Modulus at 100 %	ASTM D412 Die C	Psi				746
Specific Gravity						1.397
<u>Heat Resistance</u>	<u>ASTM D573 70hr@200°C</u>					
Hardness Change(Shore A),max		Point				+3.2
Tensile Strength Change,max		%				0
Elongation Change,max		%				197
Volume Change		%				-0.1
<u>EO16 Fluid Resistance</u>	<u>ASTM D471 70hr@150°C IRM901</u>			Spec.		
Hardness Change(Shore A),max		Point		-15~+0		-2.8
Tensile Strength Change,max		%		-20		+4
Elongation Change,max		%		-20		-6
Volume Change		%		0~+15		+5.4
<u>EO36 Fluid Resistance</u>	<u>ASTM D471 70hr@150°C IRM903</u>			Spec.		
Hardness Change(Shore A),max		Point		-40		-17.7
Tensile Strength Change,max		%				-11
Elongation Change,max		%				-15
Volume Change		%		+60		+31.5
<u>EA14 Fluid Resistance</u>	<u>ASTM D471 70hr@100°C WATER(Distilled)</u>			Spec.		
Hardness Change(Shore A),max		Point		±5		+1.8
Tensile Strength Change,max		%				-7
Elongation Change,max		%				-9
Volume Change		%		±5		+0.7
<u>B37 Compression Set</u>	<u>ASTM D395 22hr@175°C</u>	%	Plied	30		13
<u>F19 Low-Temperature Resistance</u>	<u>ASTM D2137, 3 min@-55 °C, Method C</u>			-55°C		PASS