

Test Result Form
Class I Requirements

Company: Stork Technimet, Inc.			
Customer: EFJM			
Stork Technimet File No.: 0612-18248		Date: December 21, 2006	
Compound: Silicone Rubber		Product Class: Class I	
Color: Black			
Properties	Unit	Specification	Measured
Tensile Strength	psi	1200 MIN	1357
Elongation at Break	%	100 MIN	516
Hardness Shore A Durometer	PTS	---	61
CHANGE IN PROPERTIES AFTER AIR AGING FOR : 166 HOURS AT 70 °C			
Change in Hardness	PTS	± 10 MAX	+2
Visual Change		Observation: No change	
CHANGE IN PROPERTIES AFTER IMMERSION FOR : 22 HOURS AT 70 °C			
Immersion Material: Butter Oil			
Change in Volume	%	± 5 MAX	+2
Change in Mass	%	± 5 MAX	+1
Change in Hardness	PTS	± 5 MAX	-4
Visual Change		Observation: No change	
CHANGE IN PROPERTIES AFTER IMMERSION FOR : 22 HOURS AT 70 °C			
Immersion Material: Distilled Water			
Change in Volume	%	± 5 MAX	0
Change in Mass	%	± 5 MAX	0
Change in Hardness	PTS	± 5 MAX	0
Visual Change		Observation: No Change	

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Properties	Unit	Specification	Measured
CHANGE IN PROPERTIES AFTER IMMERSION FOR : 22 HOURS AT 82 °C			
Immersion Material: Nitric Acid			
Change in Volume	%	± 5 MAX	0
Change in Mass	%	± 5 MAX	+1
Change in Hardness	PTS	± 5 MAX	-1
Visual Change		Observation: No change	
CHANGE IN PROPERTIES AFTER IMMERSION FOR : 22 HOURS AT 82 °C			
Immersion Material: Alkaline Cleaner			
Change in Volume	%	± 5 MAX	0
Change in Mass	%	± 5 MAX	0
Change in Hardness	PTS	± 5 MAX	-5
Visual Change		Observation: No Change	
CHANGE IN PROPERTIES AFTER IMMERSION FOR : 22 HOURS AT 23 °C			
Immersion Material: Chlorine Sanitizer			
Change in Volume	%	± 5 MAX	0
Change in Mass	%	± 5 MAX	0
Change in Hardness	PTS	± 5 MAX	-1
Visual Change		Observation: No change	
TESTED BY: Monica Donovan		DATE: 12/18/06	
APPROVED BY: Lena Klebanov		DATE: 12/21/06	