Compound Data Sheet
O-Ring Division United States

MATERIAL REPORT

Date: 03/21/2006

TITLE: General evaluation of Parker's Chloramine Resistant Ethylene Propylene compound EJ273-70 to ASTM D2000 M4CA710 A25 B35 EA14.

PURPOSE: To provide a general physical and chemical attribute profile of this compound.

CONCLUSION: Parker compound EJ273-70 meets all aspects of the ASTM specification with no exceptions.

Temperature: -70 to 250 (F)

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REPORT DATA

ORIGINAL PHYSICAL PROPERTIES	**SPEC.**	**PLATENS**
Hardness, Shore A	70±5	70
Tensile Strength, min, MPa (PSI)	10 (1450)	14.6 (2117)
Elongation at Break, min.	200	249
HEAT AGED (A25)		
70 Hrs. @ 125° C		
Hardness Change, pts.	±10 Max	+3
Tensile Strength Change, max	-20 Max	+9
Elongation Change, max	-40 Max	+12
Compression Set (B35)		
ASTM D 395, Method B		
22 Hrs. @ 125°F		
% Set, Max	70 Max	15%
Fluid Resistance (EA14)		
70 Hrs. @ 100° C, Distilled Water		
Volume Change, %	±5	+3
Fluid Resistance		
1.00 x 2.00 x 0.040 in. Sample		
70 HRS @ 50 ppm Total Residual Chlorine @ 70° C		
Volume Change, %	Record	+1
500 HRS @ 50 ppm Total Residual Chlorine @ 70° C		
Volume Change, %	Record	+6
1000 HRS @ 50 ppm Total Residual Chlorine @ 70° C		
Volume Change, %	Record	+16
1344 HRS @ 50 ppm Total Residual Chlorine @ 70° C		
Volume Change, %	Record	+33