



MATERIAL REPORT

REPORT NUMBER: KK1257

DATE: 9/29/98

TITLE: Evaluation of Parker Compound E1257-70.

PURPOSE: To provide test data in various environments.

CONCLUSION: The NSF 61 listed Parker Compound E1257-70 is developed to be chloramines resistant and the compound exhibits a good balance of properties.

Recommended temperature limits: -70°F to 250 °F

Recommended For

Hot water and steam

Glycol based brake fluid

Many organic and inorganic acids

Cleaning agents, soda and potassium alkalis

Phosphate –ester based hydraulic fluids

Silicone oil and grease

Polar solvents

Ozone, Aging and weather resistance

Not Recommended For

Mineral oil products



REPORT DATA

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	E1257-70 <u>Platens</u>
<u>Original Physical Properties</u>	
Hardness, Shore A, pts	70
Tensile Strength, psi	1500
Ultimate Elongation, %	125
Modulus @ 100% Elongation, psi	500
Specific gravity	1.15
Compression Set, ASTM D395 method B, 70 Hours @ 100°C	
% of deflection	8
Water Immersion, ASTM D471, 70 Hours @ 100°C	
Volume change, %	1
100 ppm Chloramine Solution <u>8 Weeks @ 70°C</u>	
Volume change, %	+7.6
Material Deterioration	none