



# MATERIAL REPORT

DATE: 04/18/2001

**TITLE:** Evaluation of LM152-60 to (formerly 11646).

**PURPOSE:** To obtain general data for LM152-60 (11646)

Recommended temperature limits: -100 °F to 350 °F

Recommended For

Aromatic mineral oils (IRM 903 oil)

Petroleum oils

Low molecular weight automatic hydrocarbons (benzene, toluene)

Jet Fuels

Chlorinated Solvents

Dry heat and low temp

Not Recommended For

Phosphate-esters

Acids

Ketones

Amines (ammonia)

Auto and aircraft brake fluids



## REPORT DATA

	<u>LM152-60 Test Platen Results</u>
<u>Basic Physical Properties</u>	
Hardness	58
Tensile Strength, psi.	957
Elongation, %	411
<u>Heat Aging, 70 H @ 437 °F</u>	
Hardness Change, pts	+4
Tensile Change, %	-28
Elongation Change, %	-20
<u>Fluid Immersion, Fuel C, 70 H @ 73 °F</u>	
Hardness Change, pts	-1
Tensile Change, %	-50
Elongation Change, %	-42
Volume Change, %	+19
<u>Compression Set, 22 H @ 347°F</u>	
Percent of Original Deflection (plied)	31
<u>Low Temperature</u>	
Nonbrittle after 3 min. @ -67 °F	Passed