

NEWMAN Sanitary Gasket Company

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Laboratory Report

PHYSICAL PROPERTIES OF NEWMAN COMPOUND 4749 (Clear Silicone)

Specific Gravity	1.21
Hardness, Shore "A" pts.	78
Ultimate Tensile Strength, psi	1140
Elongation, %	670
300% Modulus, psi	440
Compression Set, % (Method B, 22 hr @150°C)	51
Tear Strength, Die B, ppi	230
Operating Temperature, -80°F to 350°F	
Curing System: Platinum	

Newman Sanitary Gasket Company's Compound 4749 meet or exceeds the requirements of USP Class VI plastic tests. This compound also meets the criteria of the FDA Code of Federal Regulations, Title 21, Paragraph 177.2600 for repeated use in contact with food.

George Y. Lin

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Chief Chemist

4/30/07

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