



Specification Sheet  
Polyurethane 95 Shore A  
Compound # GS-595

<u>Physical Properties</u>	<u>GS-595</u>
Hardness, Shore A	94±2
Hardness, Shore D	44
Density, g/cm <sup>3</sup>	1.18
Tensile Strength, Kg/cm <sup>2</sup>	510
Elongation at Break, %	500
100% Tensile Modulus, g/cm <sup>3</sup>	120
Tear Strength (Die C), Kg/cm	150
Abrasion Loss, mg	35
Compression Set at room temperature, %	25
Compression Set at 70°C for 24 hrs, %	<35
Rebound Resilience, %	40
Freezing Temperature, °C	-40
VICAT Softening Point (1 Kg), °C	140

Heat Resistance

30 Days @ 120° C

Change in Tensile Strength, % -10

Heat Resistance

40 Days @ 120° C

Change in Tensile Strength, % -10

Fluid Resistance #1 Oil 70 hrs @ 100° C

Change in Hardness, points -1

Change in Tensile Strength, % -4.3

Change in Volume, % -0.3

Fluid Resistance #3 Oil 70 hrs @ 100° C

Change in Hardness, points -2

Change in Tensile Strength, % -0.1

Change in Volume, % +8