A Division of Freudenberg-NOK

Material Data Sheet

9250 Injection / (Formerly D92-S)

For more information on Polyurethane compounds, click here. For details of ASTM specifications, click here.

General Information

PU Base Type		**TODI**	
Hardness, durometer	ASTM D-2000	**90** Shore A	
Color		**Natural**	
Tensile Strength	ASTM D-412	**6,500** PSI	**44.8** Mpa
Ultimate Elongation	ASTM D-412	**420** %	
Specific gravity		**1.17** g/cm^3	
Bayshore Resilience	ASTM D-2632	**35** %	
Temperature, Continuous		**-65 /+230** 캡	**-54 /+110** 캡
Temperature, Intermittent		**-75/ +300** 캡	**-60 /+149** 캡

ASTM Specifications

Compression Set at 25% Deflection

70 Hrs at 158F?(70C?	D-395B	**22**
70 Hrs at 212F?(100C?	D-395B	**35**

Modulus, PSI

100% Elongation	D-412	**2,000**
300% Elongation	D-412	**3,500**

All information contained herein was accurate at the time of publishing.
Freudenberg-NOK makes no claims as to the accuracy or variance of test results.
We emphasize that this tabulation should be used as a guide only. It is based primarily on laboratory and service tests, but does not take into account all variables that can be encountered in actual service conditions before specification.
If this is not practical, tests should be devised that simulate service conditions as closely as possible.