

Material Specification Data Sheet

6865 (Compression)

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-2240	70 Shore A	
Color		Natural	
Tensile Strength	ASTM D-412	5,000 PSI	34.50 Mpa
Ultimate Elongation	ASTM D-412	450 %	
Specific gravity		1.15 g/cm³	
Bayshore Resilience	ASTM D-2632	51 %	
Tear Strength (pli Die C)		660 PSI	4.55 Mpa
Abrasion Loss (mm ³)	ASTM D-2632	25 %	
Temperature, Continuous Usage		-65 to +225 °F	-54 to +108 °C

ASTM Specifications

Compression Set at 25% Deflection

70 Hrs at 158F° (70C°)	D-395B	9
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Modulus, PSI

100% Elongation	D-412	750
300% Elongation	D-412	1,700

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.