



**BNB Industries, Inc.**

PO Box 963, Alvarado Texas 76009-0963 (mailing)  
 2301 Webb Lynn Road, Arlington, Texas 76018 (mfg)  
 Ph: 817-465-9226 E-mail: email@bnb-industries.com  
 Fax 817-465-8305 Web Site: www.bnb-industries.com

<h2 style="margin: 0;">TECHNICAL INFORMATION</h2> <h2 style="margin: 0;">ENGINEERING DATA</h2>
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MATERIAL	UNITS	TEST METHOD ASTM	UHMW PE	POLY- PENCO 101 NYLON 6/6	DELTRIN 150 ACETAL	ERTALYTE PET-P	TEFLON PTFE	FLUORO SINT 207 FILLED PTFE
Density / Specific Gravity	g/cm3	D792	0.93	1.15	1.41	1.41	2.16	2.30
Tensile Strength	psi @ 73°F	D638	3045	11,500	11,000	12,400	4,500	1,500
Modulus of Elasticity	psi @ 73°F	D638	154,900	425,000	450,000	460,000	90,000	250,000
Elongation at Break	% @ 73°F	D638	350	50	30	20	400	50
Izod Impact	Ft.lb./in.	D256	43	0.60	1.0	0.50	3	1.0
Hardness, Durometer	Shore "D"-	D2240	68	80	86	87	55	65
Coefficient of Friction Dynamic, Dry on Polished Steel	-	D1894	0.12	0.25	0.25	0.20	0.08	0.10
Limiting PV ( with 4:1 Safety Factor )	Ft.lbs./in <sup>2</sup>	PTM55010 D3702		2,700	2,700	2,800	-	8,000
Maximum Pressure/ Stress Continuous Load	psi @ 73°F	D695	1,800	2,000	2,200	2,300	-	1,500
Maximum Pressure/ Stress Continuous Load	psi @ 150°F	D695	400	1,200	1,800	2,000	70	1,000
Maximum Pressure/ Stress Continuous Load	psi @ 300°F	D695	N/R	N/R	N/R	N/R	-	500
Continuous Service Temp. In-Air ( NO LOAD )	°F	-	180	210	180	210	500	500

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