

Polyethylene Properties

Comparison of Dynamic Coefficient of Friction on Polished Steel

MATERIAL	DRY	WATER	OIL
UHMW-PE	.10 - .22	.05 - .10	.05 - .08
NYLON 6	.15 - .40	.14 - .19	.02 - .11
NYLON 6/6	.15 - .40	.14 - .19	.02 - .11
NYLON/MoS2	.12 - .20	.10 - .12	.08 - .10
PTFE	.04 - .25	.04 - .08	.04 - .05
ACETAL COPOLYMER	.15 - .35	.10 - .20	.05 - .10



ADVANCED THERMOPLASTIC SOLUTIONS

Crown Plastics Co., Inc.
116 May Drive • Harrison, Ohio 45030 USA
800-368-0238 • www.CrownPlastics.com