

UHMW-PE – BANG FOR YOUR BUCK

UHMW-PE has grown to be one of the most diverse engineered plastics. Its unique properties make it an ideal plastic for many applications. With todays markets you want to select a grade that gives you the best bang for your buck.

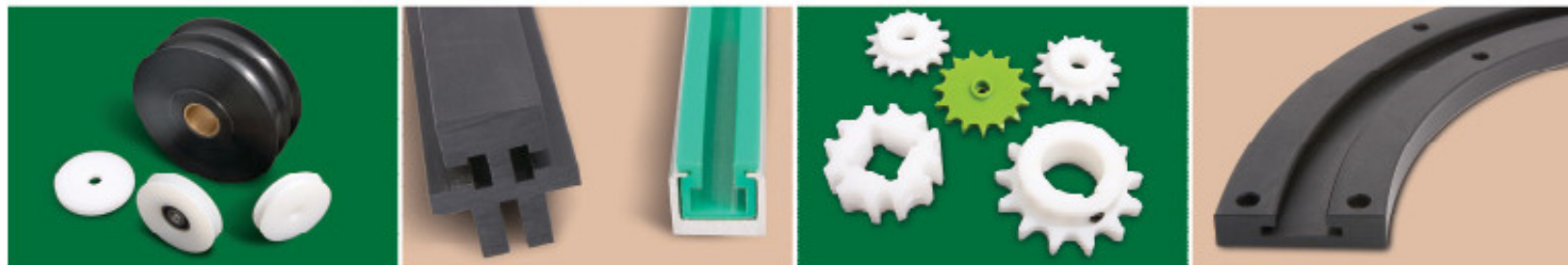
	Units	Uhmw Natural	Uhmw Repro	Uhmw Oil	Uhmw M-Slide	Uhmw XL Cross Linked	Uhmw MPG Glass Filled
Continuous Service Temperature	F°	180	180	180	180	180	180
Tensile Strength at yeild 73°	psi	3100	3000	3000	3200	2900	2700
Coefficient of Friction at 73° on steel	Static	.15 - .20	.17 - .20	.15 - .20	.10 - .15	.15 - .20	.15 - .20
	Dynamic	.10 - .20	.10 - .20	.10 - .15	.07 - .10	.08 - .18	.10 - .20
IZOD Impact Strength at 73°	KJ/m^2	125	96	110	120	120	110
Wearability Lower number is better	*	100	90	100	85	85	75
Cost Comparison	Cost x (factor)	1	.85	1.25	1.35	1.25	1.5

Virgin NaturalStandard UHMW-PE, FDA/USDA approved
 Repro.....Economical benefit in non-food applications
 XL Cross linked.....Improved wear resistance and reduced thermal expansion
 MPG Glass filled...Superior wear resistance and dimensional stability
 Oil filled.....Reduced coefficient of friction, FDA/USDA approved
 M-Slide.....Dry lubricants for significantly reduced coefficient of friction

If you require more information on UHMW-PE and various grades please contact

TECHNICOR INDUSTRIAL SERVICES INC.

OTHER PRODUCTS BY TECHNICOR



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