

POLYPETROCHEM

WHY UHMW
POLYETHYLENE?

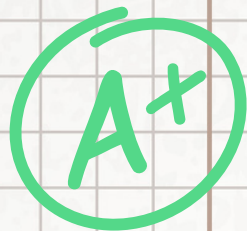
RESISTANT
LIGHTER
STRONGER
ELASTIC
DURABLE
TOLERANT

Flip me over to get

TECHNICAL

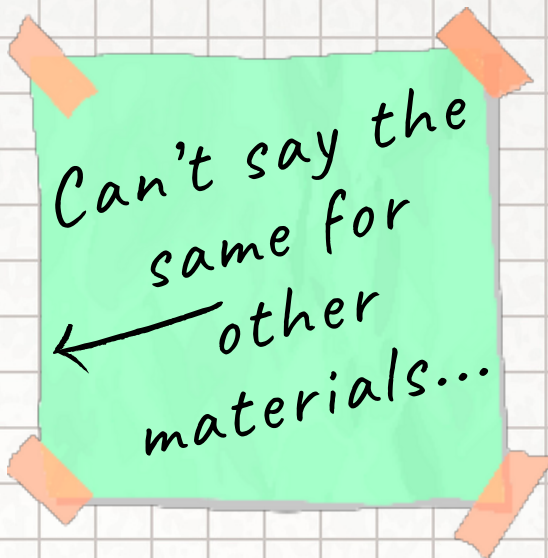
CONTACT POLYPETROCHEM FOR MORE INFO:

RESISTANT to Chemicals



- Ferrous Chloride
- Ferric Chloride
- Hydrochloric Acid
- Phosphoric Acid
- Sodium Bisulphite
- Sodium Chlorite
- Sodium Hydroxide
- Sodium Hypochlorite (Bleach)
- Sulfuric Acid
- AND MORE...

* Pruett, Kenneth. *Chemical Resistance Guide For Plastics*,
Compass Publications, 2000.



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STRONGER

UHMW PE has a NO BREAK impact strength. Unlike PVC, PP, PVDF, PTFE, or stainless steel.

LIGHTER

UHMW PE is 30%
lighter than PVC & 8Xs
lighter than stainless!

ELASTIC

The elongation factor of
UHMW PE is over 300%.

Now that's some

STRETCH

DURABLE

One tenth the wear of
steel and less wear than
PVC, PP, PVDF & PTFE.

TOLERANT of GOLD

	UHMW PE	PVC	Polypropylene	PVDF	PTFE
Minimum Temperature (°F)	-328	+32	-20	-40	-328

CHECK
THIS
OUT

