



TIVAR® H.O.T. | PE-UHMW

[Product description]

TIVAR® H.O.T. [Higher Operating Temperature] was formulated to maintain key properties in an extended temperature range [80° C up to 135° C, depending on loads]. Special additives enable TIVAR® H.O.T. to inhibit the oxidation process. Given these properties TIVAR® H.O.T. represents a cost-efficient alternative to PTFE and polyamide.

[Property profile]

- retained properties in extended temperature range
- contains oxidation inhibiting additives
- approved for food contact according to EU Directive 90/128/EEC, FDA Regulation 21CFR177.1520 and FDA Regulation 21CFR178.2010
- low coefficient of friction
- high wear resistance
- extended life at elevated temperatures [80° C up to 135° C, depending on loads]
- very good chemical and corrosion resistance
- no moisture absorption

[Examples of applications]

- sliding and drive components in the food and conveying industry [at elevated temperatures up to 135° C]
- bakeries
- food processing and packaging
- candy industry
- chemical industry