

HMPE-Braids



HMPE (High Modulus Polyethylene) braids

Since its commercialization, HMPE has been broadly used for numerous applications.

It has proven to be resistant to concentrated acids and alkalis, as well as numerous organic solvents. Furthermore it has extremely low moisture adsorption, a very low coefficient of friction, is self-lubricating and highly resistant to abrasion.

However, it is best known for its excellent impact strength in combination with its low density.

HMPE braids (1760 dtex)

Article	Diameter at $\pm 45^\circ$ [mm]	Weight per meter at $\pm 45^\circ$ [g/m]	Fabric weight [g/m ²]	Yield at $\pm 45^\circ$ L[m/kg]
HMPE 010-018	10	18	573	56
HMPE 015-024	15	24	509	42
HMPE 020-030	20	30	477	33
HMPE 025-060	25	60	764	17
HMPE 030-060	30	60	637	17
HMPE 035-060	35	60	545	17
HMPE 040-072	40	72	573	14
HMPE 050-036	50	72	458	14

Colored braids? Yes, we can!

Although the braids in our standard program are white, we can manufacture HMPE braids in a variety of colors. A combination of two or more colors is possible as well!

Please contact our sales department for the possibilities!

