

Tsunooga® High Strength/ Modulus fiber



'Tsunooga™'
Regular molecular structure
(High orientation)



Polyethylene
Irregular molecular structure
(Low orientation)

Tsunooga®, a high strength melt spinning polyethylene fiber with superior lightness and cut resistance.

Tsunooga® CHARACTERISTICS

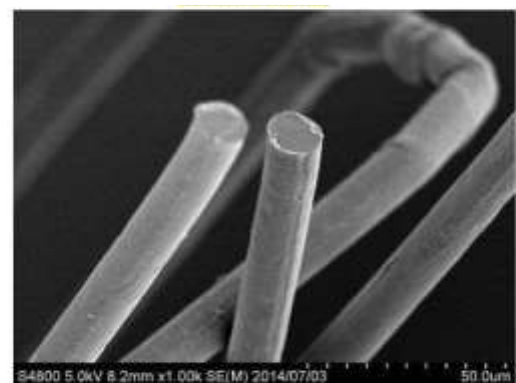
- Excellent Cut Resistance
- Softness/ Smooth Surface
- High Thermal Transfer coeff.
- Dyeable with pigment

Mechanical Property

Example	Titer	DT	DE	IS
	[dTex]	[cN/dTex]	[%]	[cN/dTex]
440T360fila	441	15.1	5.1	465
440T360fila(Black)	447	14.3	6.4	439
220T176fila	217	15.4	6.1	515

Excellent Cut Resistance Properties (EN388)

Round Cross Spape/ Smooth Surface



For more information, please contact Teijin Frontier Co., Ltd.

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