IDEA PARVARAN COOSH ZANGAN

High Stregth Polyester Short Fiber

For Battery Industry

- Polyester short fiber has good acid resistance At room temperature, 35% hydrochloric acid, 75% sulfuric acid and 60% nitric acid do no have much effect on fiber. Polyester short fiber has high stability to dilute base and weak base.

- Polyester Short fiber has good resistance to bleach, oxidant and reducing agent

- Polyester short fiber is insoluble in alcohol, ether, acetone, benzene, toluene, gasoline trichloroethane, carbon tetrachloride and other organic solvents.



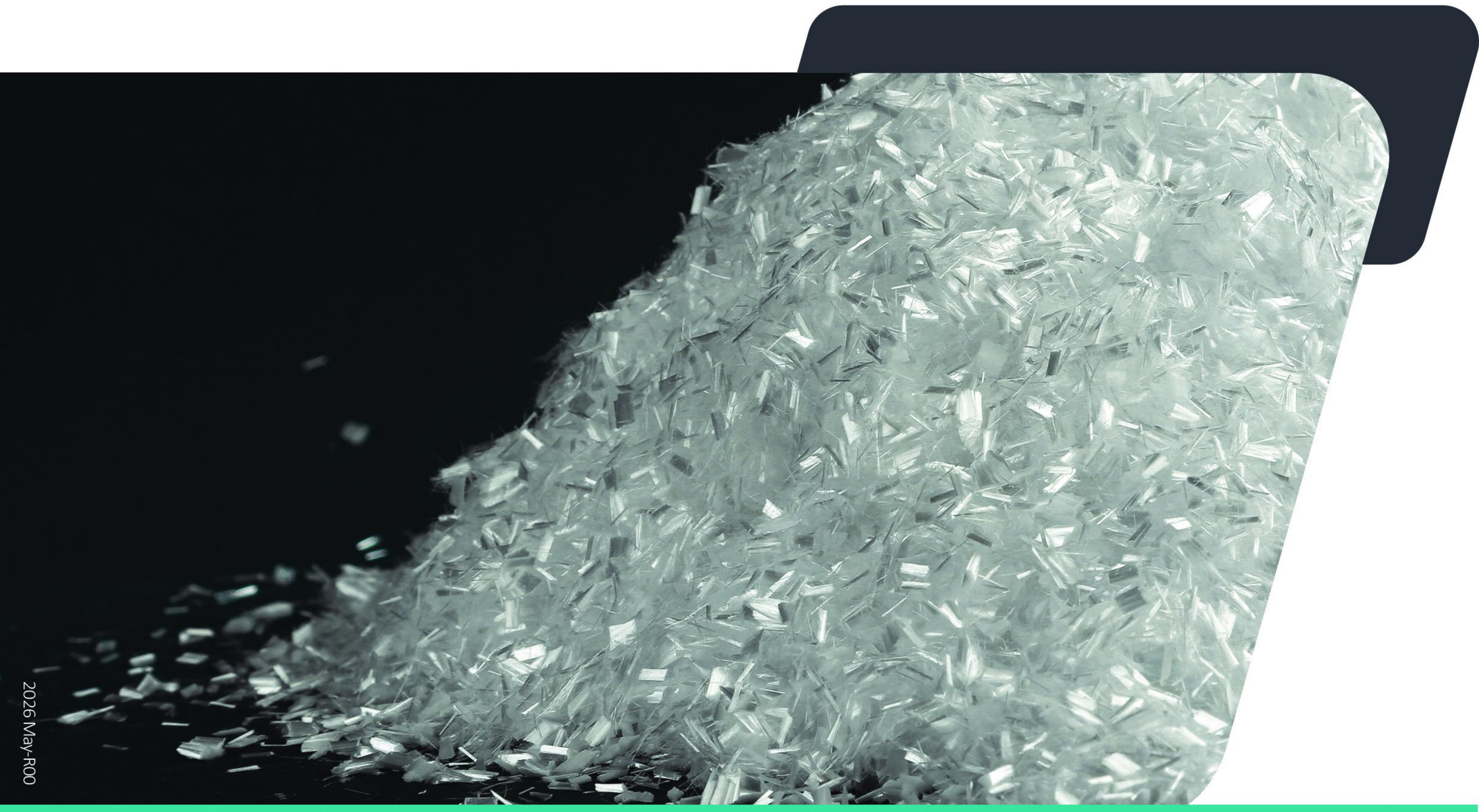
2026 May-R00

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- Polyester fiber has the highest heat resistance and thermal stability among the four major fibers.
- Softening point is 200 °C.
- Polyester fiber has the highest heat resistance and thermal stability among the four major fibers.

CHARACTERISTIC	UNIT	SPECIFICATION
Raw Material (SDS)	N/A	Polyester
Format	N/A	Precision Cut
Fibre Type	N/A	Medium density
Diameter	dtex	3-3.3
Fiber Length	mm	3 ± 0.1
Dispersion	N/A	Homogeneos
Appearance/colour	N/A	White
Lustre	N/A	Bright
Cross Section	N/A	Round
Spin Finish Level	%	0.5 ± 0.2
Moisture Content	%	≤0.1
Melting Point	°C	254
Softening Point	°C	≥200
Density	g/cm³	1.36-1.4
Dry Tenacity	cN/dtex	7 ±0.5
Dry Elongation at Break	%	11-15



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