



Polypropylene Fibers (3mm)

Technical Data Sheet

PP Fibers : (For Automotive, VRLA Positive Plates)

SSRL supplies a range of percision cut fibers cut from 0.5 mm to 4mm for mechanical reinforcement to the lead oxide paste on the grid of battery plate, thereby reducing oxide shredding and preventing premature failure of the battery. SSRLPP fibers improves the life of battery, thus making the battery last longer. The fiber is resistant to acids, alkalis, most organic solvents, oxidizaing agents and heat. Precession cutting and proprietary finish processing enables ultra effective dispersion under all conditions without agglomeration and clumping.



PRODUCT SPECIFICATION: SSRL PP 03mm

Properties	Results
Material	Polypropylene
Appearance	White
Fiber Thickness	3.3 – 5 dtex
Packaging	20 kg boxes. Customized packing available
Fiber Tensile Strength	DRY: 2.5 – 3.0cN /dtex Wet: 2.5 - 3.0cN /dtex
Softening point	>140°C
Melting point	164 - 168°C
Fiber Length	3.0 (+/-) 0.5mm
Density	0.91 g cm ⁻³
Water Absorbency	< 1%.
Acid Resistance Test	<1%
Volatile organic acid	<20PPM
Alkali Resistance	To pass test
Organic Solvents	To pass test
Oxidizing Agents	To pass test
Biological Resistance	Non Biodegradable.

Dosage : 1 gm. per Kg. Oxide Material

Packing : 20 Kg. HDPE Bag

Storage : Store in a Cool and Dry Place

Chemical Lab | Battery Testing Equipment

