

Aramid



Low surface area aramid pulps. Aramid fibers are dispersible through conventional polymer equipment and moldable.

Formpulp
Cut Lengths.....250 microns – 1mm
Specific Gravity.....1.45
Melting Point: Thermally stable up to 500° F intermittent up to 800° F

Cotton



Spun and treated denim cotton warp threads are physically superior to fill and warp thread blends in cotton reinforcement applications. Cotton fibers are dispersible through conventional polymer equipment and moldable.

Cut Lengths..... 1mm – 7mm
Specific Gravity..... 1.54
Thermal Properties: Degradation and Deformation Resistant up to 200° F

Nylon



RFL treated cut engineered nylon cords designed and treated for enhanced matrix dispersion. Nylon fibers are dispersible through conventional polymer equipment and moldable.

Cut Lengths..... 1mm – 1"
Specific Gravity..... 1.14
Melting Point263° C / 505° F

PAN Carbon



Sized, PAN precursor, milled carbon fiber, low coefficient of thermal expansion and electrically conductive. PAN carbon fibers are dispersible through conventional polymer equipment and moldable.

Cut Lengths.....200 – 300 microns
Specific Gravity..... 1.80
Melting Point N/A

PelleFiber



Aramid fiber blend. High heat, high strength broad spectrum pulped aramid fiber for low stress to high stress dynamic applications. Varamix® fibers are dispersible through conventional polymer equipment and moldable.

Form pellets
Cut Lengths.....250 microns – 1mm
Specific Gravity..... 1.45
Melting Point: Thermally stable up to 500° F intermittent up to 800° F

Polyester



RFL treated cut engineered polyester cords designed and treated for enhanced matrix dispersion. Polyester fibers are dispersible through conventional polymer equipment and moldable.

Cut Lengths..... 1mm – 1"
Specific Gravity..... 1.39
Melting Point260° C / 500° F

PuriCel



100% purified cellulose. Cellulose fibers are dispersible through conventional polymer equipment and moldable.

Cut Lengths.....50 – 500 microns

Innovating Fiber
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