



Properties of Polypropylene fiber

These fibers have similar properties as polyethylene. But it is stronger and more thermal resistant. It possess good elasticity and resiliency and but has lower wear resistance. Salient features of PP fibers are:

- They are light weight but strong. These are the lightest of all fibers; it is 34% lighter than polyester and 20% lighter than nylon, even lighter than water.
- These fibers are hydrophobic in nature.
- They have good thermal resistant property.
- Gives good bulk and cover. Because of its low specific gravity, polypropylene yields the greatest volume of fiber for a given weight.
- Resistant to abrasion.
- Resistant to bacteria and micro-organisms.
- Exhibits good colorfastness.
- Imparts good anti-static behavior.
- They are thermally bondable.

To be continued.....

Wishing you a great week ahead!

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