

## PP HIGH TENACITY FIBERS FOR GEO- AND AGRO-TEXTILES

*Bonar Natpet Polypropylene fibers for Geotextiles are 100% virgin polypropylene fibers, specially developed and designed for the demanding tasks in Nonwoven geotextiles applications.*

### Main characteristics

#### Bonar Natpet Offers following

- Fine or coarse denier: From very fine filtration nets to thick protective screens
- Treated UV : Sunlight resistant
- Anti oxidant treatment : Reduces degradability
- Hydrophilic and hydrophobic treatment
- Low static : special chemical treatment in spin finish
- Anti bacteriological / anti - fungi: stain and soil resistant
- Very lightweight (PP fibers have the lowest specific gravity of all fibers)
- Halogen free FR additive: free of heavy metal substances

### Application fields



#### Agrotech

- erosion control
- subsurface drains
- crop protection
- supportive underlying ground structure



#### Buildtech

- railways, roads : separation subsoil and layer of the road
- tunnel rehabilitation
- industrial building: protective layers
- ground improvement: reinforcement, stabilisation, filtration



#### Geotech

- waterproofing of dams, canals
- coastal protection, erosion control
- hydraulic engineering: water resources management, filtration
- landfill engineering: liners and covers

[www.bonarnatpet.com](http://www.bonarnatpet.com)



## Technical benefits Polypropylene fiber in geotextile nonwoven

- + Lightweight: Lower specific weight (more material for same weight)
- + Excellent resistance towards acids, alkalis (caustic solutions) and other chemicals
- + Better abrasion results in nonwoven geotextiles.



### Technical data

Titer

Cutlength

Tenacity

Elongation

Crimps

Specific weight

Melting point

Color

As per technical data sheet

White & Black



### Packaging

Bales:  
net weight 250 – 270 kg  
Dimensions 118x 78 x 70cm  
PP or PE wrapping with PES Plastic binders (straps)

Loading daily, for worldwide delivery,  
in full trucks (approx. 96 bales = 22-23 Tons)  
20 ft containers (approx. 40 bales = 8-9 Tons)  
40 ft containers HC (approx. 84 bales = 21-22 Tons)



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