



Advanced **M**aterials
Design & **M**anufacturing

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Multifunctional Polymer Nanofibers

Nanofibers Technical Characteristics

Additives Variants	MWCNTs, GnP _s , SiO ₂ NPs, TiO ₂ and more, for additional information, please contact us.
Compositions	PVDF, PAN, PA6, PCL, PVP, CA and more, for additional information, please contact us.
*Porosity [%]	From 70 up to 90
*Max. Processing C°	From 110 up to 300
*Tensile Strength [MPa]	From 3.0MPa up to 7.0MPa
*Areal Weight [g/m ²]	From 0.5 up to 50.0
*All properties are material, additive, and process dependent	

Nanofibers functionalities

 Nanofiber Type Nylon Hydrophobic Polymer Elastic Polymer Conductive Polymer Phase changing Polymers UHM Polymers	 Main Textile Carbon fiber Filter media PES foam Carbon fiber Glass fiber Aramid (Kevlar)	 Application Mechanical Strength Oil filtration Sound insulation Energy storage Thermal camouflage Antiballistic Strength
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