



HFFR - Needle Felts

NEUFILZ® HFFR Needle Felts

Heat-, Fire-, and Flame Resistant

Our specially developed needle felts offer reliable protection and exceptional durability at high temperatures. Whether used as insulation material or for applications in demanding production processes – these materials are designed for extreme conditions and guarantee top performance.

Felt, naturally good!





Reliable Solutions for Extreme Conditions

Meta-Aramid

Color: White

Limiting Oxygen Index (LOI): 28–32

Decomposition Temperature: >370°C



Para-Aramid

Color: Typically yellow

LOI: 28-32

Decomposition Temperature: >500°C

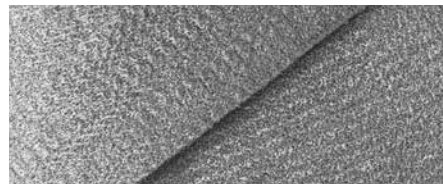


OPAN

Typically black or dark brown

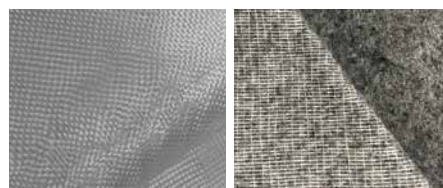
LOI: 40–60

Decomposition Temperature: >600°C



Meta-Aramid/Glass Fiber Fabric

Combine various fibers with fabrics to improve the mechanical properties of the needle felts.



The values provided refer to the fibers and serve as guidelines – the properties of the finished product must be tested individually, and fibers can be mixed as needed.

Felt, naturally good!

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