

Technical Info

Properties of Textile fibres for Dry Filtration

| | Cotton | Polypropylene | Polyester | Acrylic | Acrylic | PPS | Nomex | Conex | Kermel Tech | P 84 | Fibre Glass |
|---------------------------------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|
| Co Polymer Homo Polymer | | | | | | | | | | | |
| Temp. Dry Heat . | 82 | 94 | 132 | 120 | 125 | 190 | 204 | 200 | 206 | 240 | 260 |
| Temp Moist Heat . | 82 | 94 | 94 | 110 | 125 | 190 | 177 | 180 | 190 | 195 | 260 |
| Max surge (Short time) | 94 | 107 | 150 | 120 | 150 | 230 | 240 | 250 | 250 | 300 | 290 |
| Specific Density | 1.5 | 0.9 | 1.38 | 1.16 | 1.17 | 1.35 | 1.38 | 1.38 | 1.4 | 1.41 | 2.54 |
| Supports Combustion | yes | yes | yes | no | yes | no | no | no | no | no | no |
| Resistance to Biological Mildew | no | excellent | No effect | very good | very good | No Effect | no effect | no effect | very good | No Effect | No Effect |
| Resistance to Alkalies | good | exellent | Fair | fair | fair | Excellent | good | good | Poor | fair | fair |
| Resistance to mineral Acids | poor | excellent | fair | good | ver good | Excellent | fair | fair | Very Good | Very Good | very good |
| Resistance to Organic Acids | poor | excellent | fair | good | excellent | Excellent | fair | fair | Very Good | Very Good | very Good |
| Resistance to Oxidizing Agents | fair | good | good | good | good | Fair | poor | poor | Very Good | Excellent | Excellent |
| Resistance to Solvents | Very Good | excellent | good | very good | very good | Excellent | very Good | very good | Good | Excellent | very Good |



Supplying Filtration Solutions to Industry

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