

## Polypropylene (Thermal Bonded)



### PRODUCT FEATURES

Spunbonded polypropylene is now widely used in coolant filtration and can be used in gravity, hydrostatic, pressure and vacuum filter systems.

A great option for coolant filtration; due to its strength, it can replace viscose in applications where tearing is an issue. With its excellent oleophilic properties, it is able to absorb and separate tramp oil from machine tool coolant, making it an ideal product for use as an oil barrier material.

Predominantly used in pleated filter cartridges as a support material; polypropylene's compatibility with a wide range of chemicals make it a highly efficient filter material as well as provide an excellent filter cake release.

### DATA

Weight g/m <sup>2</sup>	20	30	50	70	100
Thickness mm	0.23	0.32	0.45	0.55	0.65
Wet Tensile Strength MD N/5cm	42	63	115	155	220
Wet Tensile Strength TD N/5cm	26	37	63	105	105
Extension Dry (%) MD	45	50	40	40	30
Extension Dry (%) TD	45	55	50	50	40

### KEY FEATURES

- ✓ Superior oil absorption
- ✓ Good dirt loading
- ✓ Use in Hydrostatic, Pressure and Vacuum Filter Systems
- ✓ Competitively priced

Please note the values indicated are typical and subject to variation.

### TYPICAL APPLICATIONS

Turning · Drilling & Milling (20-35gm) · Grinding · Honing · Lapping (35-100gm)