

05 July 2010

TO WHOM IT MAY CONCERN

DURABILITY OF POLYFELT TS GEOTEXTILES

This is to certify that all Polyfelt TS geotextiles are made from 100% polypropylene and UV stabilized to enhance its UV resistance properties.


Using 100% polypropylene, Polyfelt geotextiles are highly resistance to chemical (between pH 2 - 13) and to biological attack.

Polypropylene has high melting point $> 155^{\circ}\text{C}$. Thus Polyfelt geotextiles are stable over the temperature range $< 155^{\circ}\text{C}$.

Based on the above, it can be concluded that Polyfelt TS geotextiles are

- resistant to all naturally occurring soil acids and alkalis,
- resistant to biological attack,
- resistant to deterioration caused by the effects of limited weather exposure and no effect if placed underground,
- stable over the temperature range 0°C to 60°C

Under the above circumstances, Polyfelt TS geotextiles have durability exceeding 120 years of service if place inside the soil.

A handwritten signature in black ink, appearing to be "L. K. Loke".

Dr. KH LOKE

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General Manager

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