



ZOTEFOAMS

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Statement on the colour variation of ZOTEK® F White Foam

ZOTEK F white foam is manufactured from PVDF resin. The colour shall be essentially visually uniform within the foam structure of a sheet. However, variation may be found between production Lots and/or individual sheets. A characteristic of PVDF polymer is the presence of occasional brown specs, a minor effect from the manufacturing process. They manifest themselves as brown spots in the foam. Zotefoams reject raw material with excessive brown spots but a small number should be expected. The average area of brown spots per sheet per batch shall not exceed those in Table 1 found in TIS 01F. No single brown spot shall exceed 30mm in diameter.

The colour appearance of product will be affected by cell size; for the same colour product, larger cell size appears darker, smaller cell size appears lighter. Perceived colour will therefore be affected by the cell size ranges in Table 1 of TIS-01F.

ZOTEK F white foam is based on the natural colour of the PVDF resin purchased. This varies from a white through off white to a cream/pink colour. The colour tends to be consistent through a single batch purchased, but can vary from batch to batch, where sheets placed next to each other from two batches can have an apparent difference. This is a feature of PVDF resin and should be expected. No colour additives have been used during the manufacture of PVDF white product and we regard its purity as one of its strong points.

TIS 01F can be found here: [Microsoft Word - TIS 01F r3 \(zotefoams.com\)](#)

I trust that the above statement is sufficient, however if any further information or clarification is required then please do not hesitate to contact the Technical Support group at the address above.

Yours sincerely,

Iona Williams
Technical Support Engineer