

Veralite® - Crystallizing

Veralite® 100 sheets are supplied in an amorph structure (glass clear), however they offer the possibility to be crystallized after thermoforming, where they switch from an amorph structure (APET) to a crystalline structure (CPET) (opaque).

When overheating the sheet after thermoforming (first thermoforming it at regular temperatures and afterwards leaving it on the mould and heating it up for 1-3 min. at 120-170°C) you will obtain an opaque sheet, with following characteristics :

- superior temperature resistance (up to 160 °C)
- higher stiffness
- better chemical resistance

Disadvantages are : loss of impact strength, brittleness and loss of transparency.

This procedure is used a lot for microwave trays, because of high temperature resistance and good chemical resistance.

All above information is based on current knowledge and experience. The data does not imply any warranty from the manufacturer towards third parties. Users should consider the above data as a guideline and gather additional information, to make independant decisions regarding the proper use, disposal, safety towards other parties and the protection of the environment.

For more specific information, please feel free to contact our technical department :

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