



Technical Data

Microcell® 521

Chemical Foaming and Nucleating Agent

General:

Microcell® 521 is a Chemical Foaming and Nucleating Agent with endothermic decomposition. It is recommended for fine cell foaming of thermoplastic resins by injection-moulding and extrusion. Microcell® 521 achieves very uniform, fine celled foam in the production of foamed films and sheets from PE and PP.

Application:

Chemical foaming
Nucleation for direct gassed systems
Weight reduction of polymers
Cycle time reduction

Ingredients:

Specially formulated multi-component system

Start of decomposition	200° C
Processing temperature	230° C – 300° C
Dosing	0,5 % – 2,0 %
Moisture content	0,0
Appearance	White granules
Characteristics	Endothermal decomposition
Packaging	25 kg card-board box with PE Inliner

The doses indicated are recommendations based on experience. The optimum dose for each individual case of application should be determined in practical trials. All information given herein is only a recommendation. Its use shall remain the sole responsibility of the customer.