



Technical Data

Microcell® 301

Chemical Foaming and Nucleating Agent

General:

Microcell® 301 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.

Application:

Chemical foaming
Weight reduction of polymers
Structural Foam Moulding

Polymers

PP, PE, TPE, PS, ABS

Ingredients:

Specially formulated multi-component system

Start of decomposition	> 160° C
Processing temperature	180° C – 250° C
Dosing	0,5 % – 2,0 %
Moisture content	0,0
Appearance	White granules
Characteristics	Endothermal decomposition
Packaging	30 kg card-board box with PE Inliner

Recommended Dosing

Chemical Extrusion	0,5 – 1,5 %
Sink Marks	0,3 – 0,5 %
Weight Reduction	0,5 – 2,0 %

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.