



Technical Data

Microcell® 545

Chemical Foaming and Nucleating Agent

General:

Microcell® 545 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® 545 achieves very uniform, fine celled foam in the production of foamed films and sheets from PE and PP.

Application:

Chemical foaming
Weight reduction of polymers
Cycle time reduction

Polymers :

PP,PE,ABS, PS, TPE, POM, PA, TPU

Ingredients:

Specially formulated multi-component system

Start of decomposition (DSC)	> 140° C
Processing temperature	180° C – 230° C
Dosing	0,5 % – 2,0 %
Moisture content (TGA)	0,05 max.
Appearance	White creamish granules
Characteristics	Endothermal decomposition
Packaging	30 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.