



## Technical Data

### Microcell® 300

#### Chemical Foaming and Nucleating Agent

---

##### General:

Microcell® 300 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

##### 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.