



Technical Data

Microflow 801

Process Additive for Injection Moulding & Extrusion

General

Microflow 801 is mainly used to optimize cycle times in injection moulding and extrusion.

It promotes melt flow during the processing of polyolefins, allowing for faster plastification and quicker injection. The addition of Microflow 801 allows for the use of lower temperature profiles and hence reduces cooling times. It improves dispersion of other additives such as fibres, fillers (Talcum) pigments and reduces weld lines. Microflow 801 dissolves completely in the polymer melt and does not influence the properties of the polymer.

Microflow 801 is mainly used for Polyolefins with melt flow indices of > 8.

For high viscosity Polyolefins (MFI 0,3 – 3,0) we recommend Microflow 820.

Properties

Lower injection and mould pressures

Improved mould release

Lower mould-in pressure

Reduced moulded in stresses, in particular with HDPE

Power savings

Microflow 801 is supplied in pellets and is a synergistic blend of organic substances

Processing temperature	180° C – 260° C
Dosing	2,0 % – 4,0 % (Ø 3,0 %)
Moisture content	0,0
Appearance	Off - White pellets
Transport Information	No dangerous substance
Packaging	20 kg card board boxes 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.