



Application Note

Mini Spray Dryer B-290

Micro foam beads

1. General Information

Type of application	Paint / Ceramics / Dyes, Chemicals / Polymers
Type of application	Spray drying
Applied device	BUCHI Mini Spray Dryer B-190
Recommended device	BUCHI Mini Spray Dryer B-290

2. Sample preparation

Sample concentration	5 %
Solvent	Water
Carrier	-
Filmogen	-

3. Spray drying parameters

Inlet temperature	160°C
Outlet temperature	106°C
Gas spray flow	650 L/h
Yield	>90 % excellent

4. Additional Information

Remarks	Carbodiimid. Manual nozzle cleaning
Customer / Company	Bayer AG, Leverkusen
Date	3/8/1979

The given process parameters are used as starting values for process optimization and give an indication if the material can be spray dried or not.