Drying Guide: Recipes

Possibilities For Optimum Results and Efficiency for Drying Polymers

SNAP Controller | Vacuum oven

1hr #1 whole process duration = 1hr start at 55 Torr and hold for an hour 55 #2 1hr whole process duration = 1hr Start End start at 750 Torr : over 2 series of 750 750 **30min sessions** decrease/increase respectively the ramp rate to get from 750 to 55 and back to 750 30min *Note: you will NOT hold at 55Torr 30min 55 #3 Start End 1.5hr whole process duration = 1hr 30min 750 750 start at 750 Torr; over a series of 6, 15min sessions, ramp from 750 to 55, 300 300 with 2 purge evacuation cycles from 300 to 55, finishing at atmosphere 15min 15min 15min 15min *Note: you will NOT hold at any of the 15min 15mir Vacuum Pressures 55 55 55 **#4** 1.36hr Start End whole process duration = 1hr 22min 750

Start and end at 750 Torr, or near atmosphere. First, evacuate down to 55 Torr as fast as the system allows using "hold" on the SNAP, maintain 55 Torr for several minutes, backfill to 300 Torr to get air movement, then back down to 55 Torr quickly and hold. Repeat the 55-300 Torr transition 3 times, then end near atmosphere.

*Note: you will NOT be ramping for any of the pressure



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