

Moisture determination of different plastics

This information is intended as a guideline for development of a moisture analysis method and parameter setting.

Materials vary throughout the world and we will be more than happy to test customers' individual samples.



Precisa moisture analysis XM60/120 Halogen

Description:	different plastics			
Utensils:	aluminium pan, pipette			
Preparation:	spread thinly on pan			
Sample weight (+/-10%):	10 g			
Temperature program:	standard			
Material	PC	PP	PA6	ABS
Temperature	125 °C	105 °C	80 °C	125 °C
Stop Criteria	2d/90s	2d/90s	2d/60s	2d/60s
Moisture (average of 3)	0.33 %	0.11 %	0.18 %	0.16 %
Standard Deviation (+/-):	0.011 %	0.017 %	0.014 %	0.015%
Average analysis time:	10 min	10 min	10 min	10 min
Reference:	0.3	0.11	0.18	