

Food/Feeds

Sample	Temp (° C)	Time (min)
Beef Liver	950	30
Cat Food (canned)	600-950	10-90
Dog Food (dry)	575	30
Eggs	925	20-35
Feed, poultry layer	600	10
Feed, turkey	600	20
Flour, soy	935	15
Flour, wheat	935	10
Lactose	550	30-35
Meat & Bone Meal (dog)	575	10
Milk, powdered	935	10
Noodle Mix	935	15
Oil (residual)*	540	75
Oil (soybean)	600	10
Rice Germ & Bran	550	20
Salts	350	10
Starch, corn	575	10
Starch, pre-jelled tapioca	650	120
Sugar, granulated**	550	240
Sugar, raw**	550	180
Whey	935	10

*Airwave Configuration

**Sulfated Ash Configuration

Petroleum

Sample	Temp (° C)	Time (min)
Kerosene based silicon antifoam	220	8
Motor Oil*	775	6
Phenolic resins	800	10-20
Rubber (butyl)	550	20
Sludge (petroleum based)*	500/900	5

*Airwave Configuration

Pharmaceuticals/Specialty Chemicals

Sample	Temp (° C)	Time (min)
Lime (CaO, CaOH ₂ , CaCO ₃)	1050	10
Metal Stearates	900	5
Nicotinamide**	800	10
Nystatin**	800	40
Organic Solutions (drying)	160	8
Silicon Carbide Mix (drying)	115	10
Silver Powder & Ink	600	15
Thiabendazole**	800	20
Titanium Dioxide	800	10

**Sulfated Ash Configuration

Plastics

Sample	Temp (° C)	Time (min)
Adhesive (urethane amine)	600	15-30
Carbon Black	550	90
Fiberglass	600	5
Graphite Powder	925	30-60
Graphite/Silicon Carbide	850	30
Hexamine	800	10
Nylon	900	5
Polyethylene (unfilled)	800	5
Polyethylene (TiO ₂ filled)	800	10
Polypropylene	800	5
Polystyrene	900	5
Polysulfone (% carbon)	700	180
Polytetrafluoroethylene TFE	600	10

Pulp/Paper

Sample	Temp (° C)	Time (min)
Bagasse (raw)	575	40
Bagasse (treated)	575	40
Biomass (liquified)	650	40
Ethyl cellulose	650	15
Hardwood	575	40
Hydroxypropylcellulose	650	15
Licorice extract (dried)	540	30
Lignin (hardwood)	575	40
Lignin (pine)	575	40
Lignin (powder)	125/800	10
Lignin (slurry)	125/800	10
Sawdust	650	40
Wood Chips	590	20
Wood (Pine)	575	40