

Digestion of Kevlar

Sample Category: Oils and Plastics

Recommended Equipment

Sample Requirements

Sample Weight: 0.1g

Reagents: 8mL Conc. HNO_3 , and 2mL Conc. H_2SO_4

Vessels: 80mL quartz.



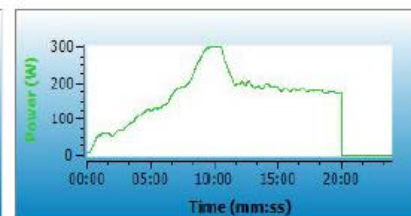
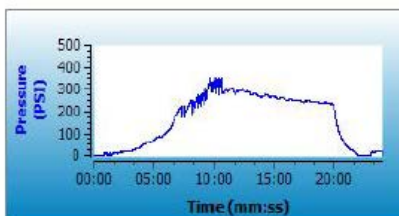
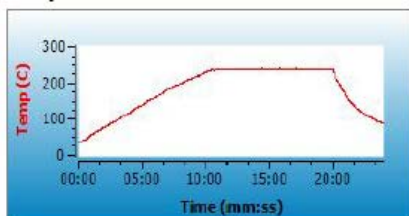
Discover SP-D 80ml

Microwave Heating Program

Control Style: Ramp To Temperature

Pressure Mode: Organic

Stage	Temp (°C)	Ramp Time	Hold Time	Pressure (psi)	Power (W)	Stirring
1	240	10:00	10:00	400	300	Med



Notes:

1. If using a vial other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.
2. This method may not provide a total digest of all sediment samples.

General Precautions:

This procedure is a reference for sample digestion using a CEM System and may need to be modified or changed to obtain the required results on your sample