

Sample Information for Furnace Tests

Sample Type	Sample ID	Sample Diameter (mm)	Sample Height (mm)	Applicable Temperature & Atmosphere (°C)	Remark
Pellet	FurPellet	8-12	15-20	25-1500 in air, Ar, N ₂ , O ₂ 25-1600 in vacuum	MgO crucible in air, Ar, N ₂ , O ₂ ; Nb crucible in vacuum; Fused quartz tube (6-, 8- and 10-mm ID) can be used in air, Ar, N ₂ , and vacuum up to 1100 C.
Rod	FurRod	5-12	15-20		
Powder	FurPow-In-Crucible	13	15-20		
	FurPow-In-Ampule	~6	15-20	25-1100	Fused quartz ampule can be used for air and/or moisture sensitive samples. The ampule shall be sealed and pretested at proposed high temperatures at user's home institute.