

DIN EN ISO 15646:2016-07 (E)

Re-sintering test for UO_2 , $(U,Gd)O_2$ and $(U,Pu)O_2$ pellets
(ISO 15646:2014)

Contents		Page
European foreword		3
Foreword		4
1	Scope	5
2	Brief description of procedure	5
3	Incidents	5
4	Apparatus	5
4.1	Equipment for measuring density	5
4.2	Heat treatment furnace	6
5	Reagents	6
6	Sampling	6
7	Procedure	6
7.1	Density measurements before heat treatment	6
7.2	Heat treatment	7
7.3	Density measurements after heat treatment	7
8	Evaluation	7
9	Precision of the procedure	8
10	Test report	8
Annex A (informative) Relationship between pellet mass evolution and O/M ratio evolution		9
Bibliography		10