

N&V Z4

Universal rapid cast investment for all alloys and pressable ceramics.

Z4 is a fine grained phosphate investment that has been manufactured to meet the needs of today's laboratories. Z4 is a universal rapid cast investment that performs under the most demanding circumstances with unequalled consistency and reliability. Z4's excellent flowing characteristics and ample working time allow for multiple bubble free rings to be poured at one time.

Z4 has flexible properties that allow laboratories to take control of their casting schedule. When using the rapid cast technique with Z4 it is not necessary to place a ring directly into the oven after the initial bench set. With Z4 you can place rings directly into a hot furnace after they have been sitting on the bench for hours or even days. These properties help to control production in laboratories and increase productivity without unnecessary work.

Physical Properties

Liquid/Powder Ratio:	24 ml / 100 grams
Working Time:	ca. 6 minutes
Setting Expansion:	1.7%
Thermal Expansion:	1.2%
Bench Set Time:	30-40 minutes
All measurements taken at 100% liquid concentration and in an environment at 72°F.	

Features

One investment for all alloys and pressable ceramics
Rapid cast technique allows for reduced processing time
Fluid consistency allows for easy investing
Retains dense structure during heating cycle while becoming softer during cooling allowing for easier deinvesting
Flexible burnout procedures allow for full control of casting
Precise, smooth, accurate and consistent results



80011 Z4 Powder
100 env X 100 g



80016 Z4 Powder
150 env X 60 g



80040 Expansion Liquid
1 Liter
Liquid is not freeze stable

