

# R2 Alloy (Ni-Cr Ceramic Alloy for PFM Bonding)



Packing	Product Code
500 gms	7002/500

**Composition:** Ni : 62%, Cr : 25%, Mo: 11%, Si 1%, Rest 1%.(Beryllium free)

**Technical Data:** Coefficient of expansion (0-500°C): range from 13.9-14.1µm/m°C

## Properties & Advantages:

- Optimum castability and bonding strength in PFM restorations.
- It produces a uniform oxide film at porcelain metal interface ensuring strong chemical bonding.
- High mechanical strength & stability on account of refined grain structure.
- Good burnish abilities.
- Brighter shine and finish.
- Suitable for open flame casting.