

—High Thermal Resistance Organic Impregnant—

Super Seal P-700 series

The Super Seal P-700 Series can be used for components with heat resistance above 200° C. While offering high thermal resistance, it is a water-soluble organic impregnation agent like the Super Seal P-600 Series, allowing for easy cleaning with water.

Feature

- ◎ It is a 100% reactive (solvent-free) type.
- ◎ It has extremely low viscosity and surface tension, allowing it to penetrate into even the finest pores.
- ◎ It is water-soluble and can be easily cleaned with water.
- ◎ After curing, it forms a cross-linked resin with excellent resistance to various solvents and chemicals.
- ◎ It shows high thermal resistance, lasting 1,500 hours at 250-280° C without leakage.

Properties

Item	Value
Main Component	Methacrylic acid ester
Appearance	Transparent liquid
Density g/cm ³ (25°C)	1.10 ~ 1.12
Viscosity mPa · s (25°C)	10 ~ 13

Performance

Item	Results	Test Method
Pressure Resistance	2.0 Mpa or more	Immersion Pressure Test (No Leak)
Curing Time	Within 6 minute	In-house Test
Chemical Resistance	No Leakage	Gasoline / ATF / LLC / Motor Oil
Thermal Shock Test	No Leakage	-40°C ~ 160°C × 60 minute 250cyc.
Heat Resistance	No Leakage	250°C × 1500hour
Decomposition Temperature	280°C or more	TG-DTA

Handling Precautions

- Please be sure to read the Safety Data Sheet (SDS) before handling this product.
- When using, add the enclosed hardener and stir thoroughly before application.
- Keep away from open flames.
- Store in a cool, dark place away from direct sunlight.
- Handle in a well-ventilated area.
- Wear appropriate protective equipment to prevent contact with eyes, skin, and clothing.
- Thoroughly wash your hands, face, and any exposed skin after handling.