

POWER PROTECT W-70

Water-based Polyurethane Gel Injection Resin

Description

Single component, low viscosity, high flexible hydrophilic polyurethane gel injection resin

Applications

It can stop the water leaking in the building very fast, widely used in Subway Station, Tunnel, Culvert, Foundation Improvement, Soil Settlement, Reservoir, Port Project, Top Slab, Cracks Construction Join, Shrinkage Crack, Basement Hairline crack etc.

Advantages

- Low viscosity
- Adjustable set time-as fast as 20 seconds
- Water impermeable
- Injected as a single component, direct use ,no need to mix with catalyst
- Used for injecting cracks widths up to 10 mm.
- Suitable for hairline Cracks .



Item	Standard Index	Test Results
Density (g/cm ³ 25°C±0.5°C)	≥1.00	1.07
Viscosity (Mpa.S 25°C±0.5°C)	≤103×1.0	300 to 600
Gel Time /s	≤150	10 to 130
Foaming Capability /%	≥350	350
Non-Volatile Content/ %	≥75	80
Flash Point °C	≥124	160.6
The ignite Temperature °C		402
Tensile Strength / Mpa		5.49
Elongation at Break		0.62
Modulus of Elasticity / Mpa		4.69
Shore A Hardness		A/1/64
Volatile Organic Compounds (VOC)/ %		14.69