

## TECHNICAL DATA SHEET TPASOL 18

TPASOL 18 is a new type of water-soluble temporary plugging agent used in diverting fracturing. Its adjustable pressure, time and strength allows it to be tailored to control fluid flow in various porous formations. It has strong initial pressure deformation capacity (3 mm fracture width, bearing pressure above 50 MPa/m), good ductility, high tensile strength, good temperature, salt and shear resistance.

TPASOL 18 can adhere strongly to the crack wall surface, is resistant to erosion, can be easily dissolved to form a simple liquid distribution and easily deployable to increase oilfield production.

### Typical Characteristics

| Parameter                      | Specification |
|--------------------------------|---------------|
| Appearance                     | Powder        |
| Particle size, 0.05 – 6 mm (%) | ≥ 90          |

### Application

- Environmentally friendly - biodegradable into harmless CO<sub>2</sub> and H<sub>2</sub>O
- Good compatibility with fracturing fluids and formation fluids
- Used in new well fracturing, repeated fracturing, sub-layer fracturing and casing deformation well fracturing

### Packaging and Storage

TPASOL 18 is packaged in 25 kg bag.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

### Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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