



Gel-forming reagent Polyexpan

Manufacturer
АО «NPO «Polycell» (joint stock company, Russia)
TS 2216-024-97457491-2010

Gel-forming reagent Polyexpan is designed for water shutoff operations in wells. It is a composition of polymers, reinforcing and modifying additives.

Product Characteristics

Appearance	Loose powder of light gray color
Angle of spring tightening of a rotational viscometer, at 600 rpm, an aqueous solution with a mass fraction of the reagent Polyexpan 0,5%, degrees, no less than	30,0

Application

Reagent Polyexpan has a high adhesion to the surface of rocks and begins to form strong gels in the area of repair work in contact with water after 3 minutes. The entire process of gel formation is not more than 60 minutes. In the process of water shutoff, the volume of the reagent increases in volume by more than 10-20 times, which ensures reliable clogging and isolation of the absorbing or wet formation.

The average consumption of the reagent Polyexpan is 0,3-0,5 tons per operation.

Packaging

The product is supplied in polypropylene bags with polyethylene sacks of 25 kg.

Storage

The gel-forming reagent Polyexpan stored in warehouses. Allowed storage of the product under a shed or on a planned site, protected from mechanical damage, precipitation, soil moisture and away from sources of fire. Warranty period of storage 12 months from date of manufacture, in compliance with customer requirements transportation and storage.

Hazard class

Low-hazard product. A danger class – 4.