

## POLYTEK - 01S

MILLING AGENT FOR THE PREPARATION OF CERAMICSLIPS

COMPOSITION: ORGANIC POLYELECTROLYTE IN WATER SOLUTION

### TECHNICAL SPECIFICATIONS

Parameter	Average Value
Appearance	Liquid
% Solid content	$46 \pm 1$
pH	$7.5 \pm 1$
Viscosity (mPas) (Brookfield; 25°C)	$1200 \pm 800$
Density (g/ml) (25°C)	$1.335 \pm 0.02$

### PROPERTIES AND APPLICATIONS:

POLYTEK-01S IS A HOMOPOLYMER OF ACRYLIC ACID WITH A LOW MOLECULAR WEIGHT. ITS PRODUCTION PROCESS HAS BEEN MODIFIED AND OPTIMIZED TO OBTAIN A PRODUCT APPLICABLE TO A WIDE RANGE OF INDUSTRIAL ACTIVITIES, BEING AN EXTREMELY EFFECTIVE PARTICLE DISPERSIN AGENT FOR SOLID MATERIAL IN WATER SUSPENSION.

### DOSAGE:

POLYTEK-01S IS DOSED DIRECTLY IN THE BALL MIL WHERE THE DISPERSION OF RAW MATERIAL TAKES PLACE. IT IS EFFECTIVE IMMEDIATELY, DISPERSING QUICKLY THANKS TOITS LIQUID PRESENTATION. IT SUFFERS NO DEGRADATION DURING THE MILLING PROCESS AND CONTINUES TO BE E F F E C T I V E OVER TIME AFTER THE MILLING PHASE IS COMPLETED.

BEFORE ITS INDUSTRIAL APPLICATION, IT IS HIGHLY RECOMMENDED TO RUN LABORATORY TRIALSIN ORDER TO ESTABLISH THE CORRECT AND OPTIMUM AMOUNT THAT HAS TO BE USED.

THE DIFFERENCE OF AMOUNT CAN VARY GREATLY DEPENDING ON THE MATERIAL TO WHICH IT IS APPLIED.