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TECHNICAL DATA SHEET

TDS-ENZ228-EN · REV. 02 · 2026-11-03

Slurry Viscosity Reduce Enzyme

Slurry viscosity reduction enzyme for pulp and paper processing that lowers pulp slurry viscosity.

SKU **ENZ228** CATEGORY **PULP AND PAPER ENZYMES** TYPE **ENZYME** CLASSIFICATION **CHEMICAL AUXILIARY AGENT** USAGE **PAPER CHEMICALS**

Not restricted for transport

WORKING TEMPERATURE	WORKING PH	REACTION TIME	SHELF LIFE
55-65°C	**5.5-10.0**	**45-90 minutes**	**12 months**
no optimum stated	no optimum stated	per application	sealed, see storage below

SPECIFICATION

IDENTITY	
Appearance	Brown liquid Typical
Odour	Slight fermentation odor Typical
PHYSICAL	
Density	1-1.12g/ml Typical
Solubility	Soluble in water Typical
PURITY AND HYGIENE	
Purity	99.9% Typical
WORKING WINDOW	
Temperature	55-65°C Typical
pH	5.5-10.0 Typical
Reaction time	45-90 minutes Typical

Spec = release limit, confirmed on every lot's Certificate of Analysis. **Typical** = normal product behaviour, not a release limit.

STORAGE & PACKAGING

SHELF LIFE
12 months

STORAGE
Store in a dry place at 5-25°C

PACK SIZE
1 kg / bag

ORDERING
Online or by e-mail; current price on the product page

APPLICATIONS

Treat ordinary starch slurry directly
Replaces modified starch and lowers slurry viscosity

Adjust starch slurry viscosity to production requirements
Gives viscosity control at the production site

Lower pulp slurry viscosity in paper processing
Improves drainage, dewatering and paper machine runnability

Apply in sizing with starch slurry
Increases glue amount and reduces pulp consumption

DOSAGE

50-150ml/T

per T (tonne), as stated

Substrate	**Ordinary starch slurry**
pH	**5.5-10.0**
Temperature	**55-65°C**
Reaction time	**45-90 minutes**

Viscosity can be adjusted to production requirements at the production site.

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

enzymes.bio · Level 1, 6 Johnsonville Road, Wellington 6037, New Zealand · **Tel (USA) +1 (507) 428-6057** · wholesale@enzymes.bio

Online: enzymes.bio/product/slurry-viscosity-reduce-enzyme

Enzyme preparations are proteins and may sensitise; avoid skin, eye and inhalation contact. This technical data sheet gives the product specification and typical values; it is not a batch certificate. A Certificate of Analysis for the supplied lot accompanies each shipment. Safety Data Sheet on request.

SCAN TO ORDER