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TECHNICAL DATA SHEET

TDS-ENZ350-EN · REV. 02 · 2026-11-03

Low-Temperature Scouring Enzyme

Liquid pectin-lyase complex enzyme for low-temperature textile pretreatment and scouring.

SKU **ENZ350** CATEGORY **ENZYMES FOR TEXTILE INDUSTRY**

MAIN COMPONENT **COMPOUND PECTIN-LYASE ENZYME COMPLEX** APPEARANCE **YELLOW-BROWN LIQUID**

Industrial grade · Not restricted for transport

WORKING TEMPERATURE	WORKING PH	SHELF LIFE	PROCESSING TIME
50–60 °C	**pH 7–9**	**12 months**	**30–40 minutes**
processing temperature; no optimum stated	effective at pH 7 and pH 9; no optimum stated	sealed, see storage below	depending on the specific process

SPECIFICATION

IDENTITY

Main component	**Compound pectin-lyase enzyme complex** Typical
Appearance	Yellow-brown liquid Typical

WORKING WINDOW

Working pH range	pH 7–9 Typical
Processing temperature	50–60 °C Typical
Processing time	30–40 minutes (depending on the specific process) 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 sealed in a cool, dry place; avoid strong light and high temperatures.

PACK SIZE
1 kg bottle

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

APPLICATIONS

Scour cotton-type fabric at low temperature
Removes pectins and waxy or greasy impurities

Pretreat linen and hemp fabric
Reduces pectins that affect fiber quality

Pretreat blended or interwoven fabrics
Supports scouring of blended and interwoven fabrics

Improve dyeing of pretreated fabric
Enhances wettability and hand feel for more consistent dye uptake

Replace harsh alkaline scouring
Reduces harsh chemical load in fabric pretreatment

DOSAGE

0.3–0.7% (o.w.f.)

per weight of fabric (o.w.f.)

Processing temperature	**50–60 °C**
Processing time	**30–40 minutes (depending on the specific process)**
Working pH	**pH 7–9**

Optimize by small-scale trials before production use. Performance depends on fiber type, fabric construction, bath ratio and mechanical action.

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

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Online: enzymes.bio/product/industrial-grade-low-temperature-scouring-enzyme-for-textile-pretreatment

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