enzymes.bio

Add enzymes. Add value.

TECHNICAL DATA SHEET

TDS-ENZ339-EN · REV. 02 · 2026-11-03

Adhesive-Contaminant Control Enzyme

Controls sticky deposits from adhesives, waxes and pitch in recycled paper and waste paper processing.

SKU **ENZ339** CATEGORY **PULP AND PAPER ENZYMES** GRADE **INDUSTRIAL GRADE**

APPLICATION **RECYCLED-FIBER PULPING AND PAPERMAKING**

Industrial grade · Not restricted for transport

RECOMMENDED APPLICATION RATE	WORKING TEMPERATURE	WORKING PH	SHELF LIFE
100–200 g per ton	**35–65 °C**	**6.0–10.0**	**12 months**
oven-dry pulp	no optimum stated	no optimum stated	sealed, see storage below

SPECIFICATION

IDENTITY

Appearance	Brown to dark-brown liquid Typical
Odour	Slight fermentation odor Typical

WORKING WINDOW

Operating temperature	**35–65 °C** Typical
Operating pH	**6.0–10.0** Typical
Reaction time	45–90 minutes Typical

PHYSICAL

Standard pack	1 kg bottle Typical
Best storage temperature	Approximately 4 °C 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 away from direct sunlight, keep sealed and dry; best stored at approximately 4 °C

PACK SIZE
1 kg bottle

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

APPLICATIONS

Recycled-fiber pulping of OCC, MOW, OMG and ONP furnish
Reduce stickies deposition during wastepaper pulping.

Paper machine operation on recycled-fiber stock
Reduce breaks and re-reeling issues caused by adhesive contaminants.

Corrugating medium and linerboard stock preparation
Reduce spots and pinholes associated with stickies contamination.

Wires and felts on the paper machine
Lower cleaning intensity and help extend service life.

DOSAGE

100–200 g per ton
oven-dry pulp

Temperature	**35–65 °C**
pH	**6.0–10.0**
Reaction time	**45–90 minutes**
Addition point	**after the pulper tower stage or in the stock storage chest before the paper machine approach flow / sizing-related storage chest (as applicable)**
Addition method	**batch-wise or continuous dosing depending on the pulping/stock-prep process**

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/adhesive-contaminant-control-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