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Industrial Grade Neutral Pectinase E3100

Liquid neutral pectinase that degrades pectin and pectin-derived colloids in pulp suspensions.

SKU **ENZ290** CATEGORY **PULP AND PAPER ENZYMES** GRADE **INDUSTRIAL GRADE** FORM **LIQUID ENZYME**

PACKAGE **1 KG / BAG**

Industrial grade Not restricted for transport

DECLARED ACTIVITY	OPTIMUM TEMPERATURE	OPTIMUM PH	SHELF LIFE
3000 U/g	**45°C – 65°C**	**5.0 – 8.0**	**12 months**
dilutable for lower activity requirements	activity charts provided in downloadable format	neutral pH range	sealed, see storage below

SPECIFICATION

IDENTITY	
Form	Liquid enzyme Typical
Formulation	Liquid enzyme concentrate Typical
ACTIVITY	
Declared activity	**3000 U/g** Typical
Activity adjustment	Dilutable for lower activity requirements Typical
WORKING WINDOW	
Optimal temperature	45°C – 65°C Typical
Optimal pH range	5.0 – 8.0 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 cool, dry, and ventilated place; avoid direct sunlight; keep sealed after use

PACK SIZE
1 kg / bag

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

APPLICATIONS

Reduce dissolved and colloidal substances in pulp
Improves pulp purity

Lower demand for cationic agents, fillers and retention aids
Chemical savings

Improve fine fiber retention in papermaking
Higher pulp utilization

Facilitate handling of raw wood and chips
Less pectin-related interference

Improve efficiency of mechanical pulp treatment
Better overall beating and refining

DOSAGE

5% – 20%

typical application rate, depending on formulation and pulp concentration

Addition point **Continuously in the pulp slurry**

The optimal application rate should be determined by on-site trials based on raw material composition and production conditions.

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-neutral-pectinase-e3100-paper-industry-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