

THE DURAPRET SERIES EASY CARE GLYOXAL RESINS



A range of high purity glyoxal resins with high reactivity,
from zero to medium free formaldehyde contents.
Based on modified DHDMEU.

Designed to enhance fabric dimension stability.
Provide durable-press and outstanding wrinkle-resistant
characteristics. DURAPRET has unmatched levels of purity
and stability due to a developed special production process.

APPLICATION FOR PAD DRY CURE

Auxiliaries	Wash & Wear 100% Cotton	Easy Care Polyester/Cotton	Low Shrink 100% Viscose
DURAPRET® Resin (DMDHEU)	30-60 grams / litre	20-40 grams / litre	60-120 grams / litre
BIOCAT® M (Acidic Catalyst)	10-30 grams / litre	10-20 grams / litre	20-40 grams / litre
BIOSOFT® Ps400 (Fabric Strengthner)	10-30 grams / litre	10-20 grams / litre	20-40 grams / litre
Softners	Accordingly handfeel	Accordingly handfeel	Accordingly handfeel

Double Pass Process

Drying: 110°C-130°C 1 min
Curing (Option A): 150°C-160°C 2 min
Curing (Option B): 170°C - 180°C 0.4/1 min

Single Pass Process

170°C - 180°C 1 to 1,5 min



WASH&WEAR
NO IRONING NECESSARY



Innovative
**finishes for
functional
effects**

THE DURAPRET SERIES EASY CARE GLYOXAL RESINS



Biotex complete the offer by providing a very high quality of free formaldehyde resins



WASH&WEAR
NO IRONING NECESSARY

GENERAL PROPERTIES

DURAPRET® MF	Hexamethoxyl melamine	< 1000 ppm	H	M	M	H	H	H
DURAPRET® LF Conc	DMDHEU	< 60 ppm	M	L	H	H	HH	HH
DURAPRET® LF Plus	DMDHEU	< 50 ppm	H	L	H	H	H	HH
DURAPRET® ZF	DMeDHEU	0 ppm	L	L	H	H	HH	HH
DURAPRET® ZF Plus	DMeDHEU	0 ppm	M	L	H	H	H	HH
DURAPRET® ZFLC Plus	DMeDHEU	0 ppm	M	L	H	H	M	M
DURAPRET® LCT	DMDHEU	< 150 ppm	H	L	H	H	HH	HH
DURAPRET® 100 Special	DMDHEU	< 200 ppm	H	L	H	H	H	HH
DURAPRET® NF Jeans	DMeDHEU	0 ppm	M	L	H	H	HM	H

Chemical Composition

Level of free Formaldehyde¹

Reactivity

Yellowing during cure

Chlorine Retention

Liquor Stability Acid Conditions

Durability Laundering²

Durability Dry Cleaning

¹ Specification prescribed by Japanese Law 112
² 5 Domestic Wash at 40°C

www.biotex-malaysia.com

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bluesign®

SYSTEM
PARTNER

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