## **Technical Bulletin**



# Orcozyme CEL-10™

**Orcozyme CEL-10<sup>™</sup>** is a concentrated easy-to-use cellulose enzyme used in "biopolishing", lint removal, and de-pilling of cellulose fabrics under mildly acetic to neutral pH conditions.

#### Advantages

- Low usage levels providing excellent economics.
- When stored in cool dry areas, **Orcozyme CEL-10**<sup>™</sup> is stable over extended periods of time but should be monitored after periods of 3 months storage.
- Fairly broad range of pH and heat stability-see usage instruction below.
- Denim can be processed at near neutral conditions.

#### **Physical Properties**

| Appearance       | Clear Liquid-slightly amber liquid |
|------------------|------------------------------------|
| Specific Gravity | 1.1-1.2                            |
| рН               | 4.5-6.0                            |
| Solubility       | All proportions in water           |

### Applications

- Use 0.5-.15% **Orcozyme CEL-10**<sup>™</sup> on weight of goods(owg)
- Adjust pH to 5.5-7.5 and run for 30-60 minutes @ 120-150°F
- To stop enzyme process, drop bath and rinse with warm water twice, or, raise temperature to 180°F. Lower pH below 4.5 for either if not detrimental to process.

#### Storage

Store in cool dry area for maximum storage life.

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