

Product Data

# Bufferlite™ DU-2008

**Product Description**

Bufferlite DU-2008 is a medium modulus matrix material used for tight buffering fiber up to 400-900 microns. DU-2008 was formulated for excellent strip and stability

**Product Benefits**

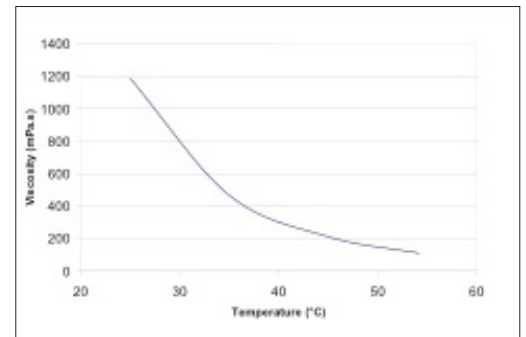
- Optically clear
- Excellent strippability
- Fast cure
- Patent-protected

**Performance Characteristics**

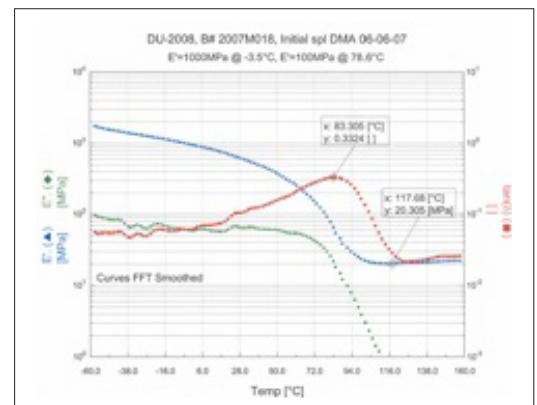
Liquid Coating	Typical Properties
Viscosity, 25 °C, mPa•s	1200
Density, 23 °C, kg/m3	1102

Cured Coating* (Tested at 23 °C, 50% R.H.)	Typical Properties
Secant modulus, 2.5% strain, **	320
Elongation**, %	14
Tensile strength**, MPa 12	12

**Viscosity vs. Temperature  
Typical DU-2008**



**Dynamic Mechanical Analysis  
DU-2008**





## Test Methods

Detailed test methods may be obtained through your Covestro sales representative.

## Filtration

Bufferlite™ materials are manufactured using fine filtration techniques designed to minimize particulate matter and to ensure high strength and uniform product performance.

## Storage Conditions

Bufferlite™ tight buffer materials should be stored in their original containers at temperatures between 15° and 30°C. The bottles that are used for these are UV opaque and allow for air to diffuse through the plastic which prevents premature gelation.

## Shelf Life

Bufferlite™ tight buffer materials have a shelf life of 18 months from the date of manufacture, provided recommended storage conditions are properly maintained.

## Safety Information

This product is formulated with multifunctional acrylates which may cause skin and eye irritation and/or skin sensitization. Safety data sheets for each product are available from your Covestro sales representative. All safety and handling recommendations should be followed carefully.

## Conversions

$$\begin{aligned} N &= g \cdot f \times 9.807 \times 10^{-3} & \text{kg} \cdot \text{mm}^{-2} &= \text{MPa} \times 0.102 \\ \text{psi} &= \text{MPa} \times 145 & \text{mPa} \cdot \text{s} &= \text{cps} \end{aligned}$$

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