Manufacturer:
Covestro

Product Name:
Covestro Bufferlite™ DU-2008 Tight Buffer Optical Fiber Coating (Matrix Coating), UV Cure (10 kg)

Manufacturer Part Number:
COV-DU-2008-10KG

Bufferlite™
Optical Fiber Coatings

Product Data

Bufferlite™ DU-2008

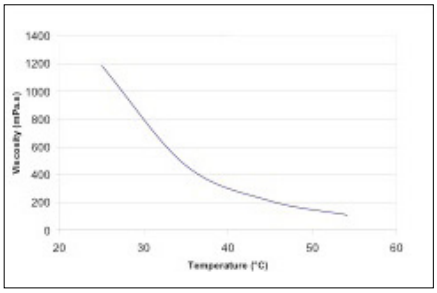
Product Description

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

Viscosity vs. Temperature
Typical DU-2008

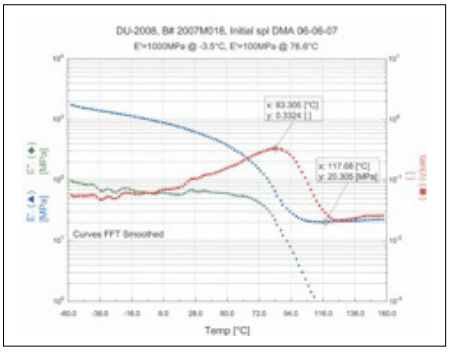


Performance Characteristics

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

Dynamic Mechanical Analysis
DU-2008



Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Click here for more details on the Covestro Bufferlite™ DU-2008 Tight Buffer Optical Fiber Coating (Matrix Coating), UV Cure (10 kg)

Bufferlite™ 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

$N = g \cdot f \times 9.807 \times 10^{-3}$ $kg \cdot mm^{-2} = MPa \times 0.102$

$psi = MPa \times 145$ $mPa \cdot s = cps$

UPDATED 30-June-2021