

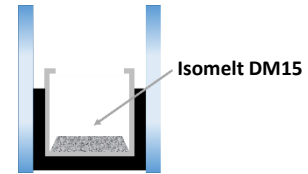
# Isomelt DM15 Matrix



## Product Summary

**Isomelt DM15** warm melt matrix is a single-component, desiccant matrix for use with PPG's patented Intercept® warm-edge technology and functions both as a desiccant and hot melt adhesive. **Isomelt DM15** brings the following to the insulating glass manufacturing industry:

- Industry-leading desiccant matrix drying capacity
- Excellent adhesion to various Intercept® coil stocks
- Meets and/or exceeds the requirements of ASTM E2190



## Typical Physical Properties

Base	Synthetic polymers and desiccant
Colors Available	Gray, Black
Form	Solid material processable at elevated temperatures
Application Temperature	194-248°F (90-120°C)
Density	10.7 lb/gal (1.28 g/cc)
Brookfield Viscosity @ 300°F	76,000 cP
Maximum Drying Capacity	14.5% by weight
Shear Strength (Al/Al, 73°F)	11 psi (0.08 MPa)

## Processing

Surfaces should be dry, clean, and free from dust or grease. A cleaning agent such as **Körasolv GL** is appropriate for surface preparation. Product will bond to spacer coil using bulk hot melt application equipment set to the recommended application temperatures in the technical data table.

Desiccant matrix is moisture-sensitive, and therefore must be protected from atmospheric moisture prior to sealing of the insulating glass unit. After application, matrix should not be exposed to the atmosphere for longer than one hour.

## Clean Up

**Körasolv GL** or common solvents such as mineral spirits or acetone.

## Storage

Store in a cool, dry, clean place. Packaging must be kept sealed and protected from moisture. Product may be stored in this manner for 12 months from date of manufacture

## Safety

It is highly recommended to read our Safety Data Sheets containing health, safe handling, storage, disposal, and other safety related data. Please also refer to the product label for additional safety considerations.

Extreme care should be exercised when working with hot or warm melts in their fluid state. Use eye protection and thermally protective clothing. Use in a well-ventilated area and do not exceed 450°F.

## Packaging

- 55 gal straight-sided drum, 507 lb (230 kg)

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