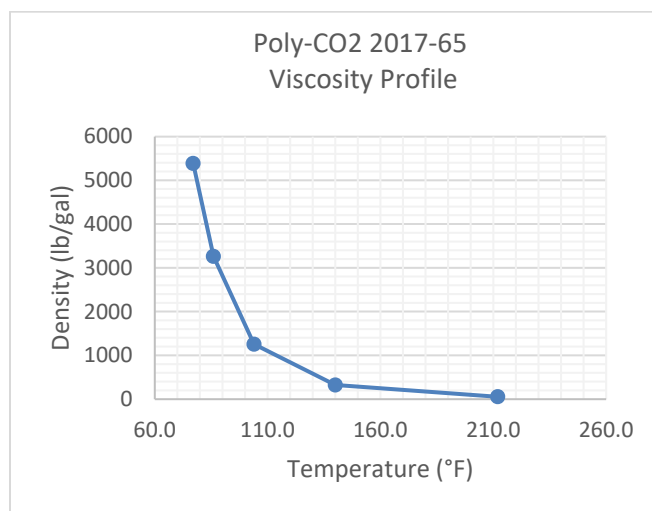


Poly-CO₂ 2017-65

Poly CO₂ 2017-65 is a di-functional polycarbonate-ether (PCE) polyol made by incorporation of carbon dioxide into a standard PO-based polyether polyol backbone. It has nominal molecular weight of ~1700.

This polyol can be used in a variety of polyurethane applications, including coatings, elastomers, and adhesives.

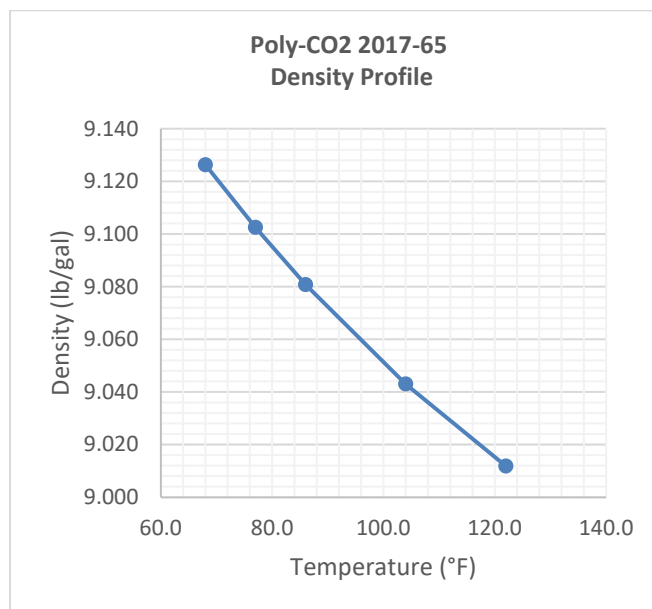
Poly-CO₂ 2017-65 is a stable, practically colorless liquid that is neither volatile nor corrosive and high flash point.



Typical Poly-CO₂ 2017-65 properties

Appearance	Clear, colorless to pale yellow
Hydroxyl No., mg KOH/g	65
CO ₂ incorporation, nominal wt.%	17
Viscosity at 25°C, cps	5400
Specific Gravity, 25/25°C	1.09
Density: lbs./gal.	9.13
Water %; wt. max.	0.1
Acid No. mg KOH/g, max	0.15
pH: Isopropanol/water	6.0
Color, APHA, max.	50
Flash Point, Open Cup, °C/°F	> 200

Note: The properties reported are typical physical properties. Monument Chemical in no way guarantees that the product from any particular lot will conform exactly to the given values.



Effective Date: 6/3/2026

Revision: 1

Health and safety information

Under current U.S. OSHA's Hazardous Communication program Poly-CO₂ 2017-65 is not considered hazardous.

Observe good industrial hygiene practices and use appropriate Personal Protective Equipment.

For full safety information please refer to the Safety Data Sheet.

Storage and Handling

Poly CO₂ 2017-65 presents no unusual problems for ordinary handling and under storage temperature of 15-35 °C (60-95 °F).

Poly-CO₂ 2017-65 is hygroscopic, the product can absorb atmospheric moisture up to several percent. It should be stored in original drums or bulk tanks if possible. Product needs to be blanketed with dry nitrogen gas after each usage.

Provided proper storage and handling precautions are taken, Poly-CO₂ 2017-65 is stable for at least 24 months from the date of manufacture. Poly-CO₂ 2017-65 that is subsequently repackaged, handled and/or delivered by third parties may have a different shelf life and may require third party shelf-life studies. Product past the expiration date should be evaluated to confirm that all specifications are within their limits before use.

Additional Information

To learn more about Monument Chemical and the products and services we offer please visit our website at www.monumentchemical.com.

Disclaimers

Please refer to the Safety Data Sheet (SDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal. To order an SDS, email SDS@monumentchemical.com. Before using or handling this product, the SDS should be thoroughly reviewed.

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