

# Technical Data Sheet

## Elevance C18™ Polyol 101DP

### Product Description

Elevance C18™ Polyol 101DP is a branched aliphatic polyol.

Elevance C18™ Polyol 101DP is a bio-based, difunctional, low-melting specialty polyol with low viscosity that offers superior weather resistance, hydrolytic stability and chemical resistance, and good mechanical properties.

### Applications

- High solids coatings (polyurethane dispersions)
- High-performance polyurethane thermoplastics and elastomers

### Typical Properties

C18 Polyol	Hydroxyl value <sup>a</sup>	Average molecular weight	Viscosity <sup>b</sup>	Melting temperature <sup>c</sup>	Acid value <sup>d</sup>	Color <sup>e</sup>	Water content <sup>f</sup>	Appearance @25 °C
	mg KOH/g	g/mol	cPs	°C	mg KOH/g	APHA	%	
101DP	119	1000	276 (70 °C)	10	<1	60	<0.02	semi-liquid

<sup>a</sup>Modified D4274

<sup>b</sup>Analytical methods available on request

<sup>c</sup>DSC by Elevance analytical method ERS-155-1

<sup>d</sup>ASTM D664

<sup>e</sup>ASTM D5386

<sup>f</sup>ASTM E1064

### Shipping & Storage Conditions

Elevance C18™ Polyol is supplied in a 1-liter or 1-gallon bottle. Keep Elevance C18™ Polyol in its undisturbed, tightly closed container and store in a ventilated area protected from heat or ignition sources at ambient temperature (<30 °C).

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