

Technical Data Sheet

Elevance C18™ Polyol 205DP

Product Description

Elevance C18™ Polyol 205DP is a branched ether-containing polyol.

Elevance C18™ Polyol 205DP 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 ^a	Average molecular weight	Viscosity ^b	Melting temperature ^c	Acid value ^d	Color ^e	Water content ^f	Appearance @25 °C
	mg KOH/g	g/mol	cPs	°C	mg KOH/g	APHA	%	
205DP	56	2000	227 (100 °C)	34	<1	125	<0.02	solid

^aModified D4274

^bAnalytical methods available on request

^cDSC by Elevance analytical method ERS-155-1

^dASTM D664

^eASTM D5386

^fASTM 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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