

Technical Data Sheet

Elevance Unify® 270 Coalescing Agent

Product Description

Clear liquid, colorless

Application

Coalescing agent for waterborne coatings and adhesives which enables lower VOC formulations

Technical Chemical / Physical Properties

Chemical & Physical Analysis	Typical Value	UOM	Method
Appearance	Clear liquid	--	Visual
Odor profile	Characteristic (Ester)	--	--
Color (Pt-Co)	≤ 10	--	ASTM D5386
Boiling Point	267	°C	ASTM E537-86
Freezing Point	-36	°C	ASTM D97
Flash Point	127	°C	ASTM D93
Surface Tension @ 20°C	29.7	dyne/cm	ISO304
Acid Number	≤ 0.5	mg KOH/g	AOCS Cd 3d-63
Density (20°C)	0.882	g/mL	OECD109
Wt/Vol (20°C)	7.36	lb/gal	Calc
Solubility in Water (20°C)	1.05	mg/L	OECD105
Hansen Solubility (δ_D)	16.5	MPa ^{1/2}	Calc
Hansen Solubility (δ_P)	4.6	MPa ^{1/2}	Calc
Hansen Solubility (δ_H)	7.4	MPa ^{1/2}	Calc
VOC (US EPA Method 24)	0.495	g/g	ASTM D2369-95

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contact: CustomerService@elevance.com

Elevance Renewable Sciences / 2501 Davey Road / Woodridge, IL 60517 / 877-215-2795 / CustomerService@elevance.com

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