



**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Date Printed: 2023-09-01

Effective Date: 2023-01-03

Supersedes Date: 2021-04-29

Name: ACULYN™ 44 Polymer

Specification Number: 000000183178

Previous Specified Material: 00167847

Government and Industry Standards

Current EFCI Good Manufacturing Practices for Cosmetic Ingredients

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Appearance, Opaque, White to Off-White Liquid, Free of Visible Impurities	Pass		DOWB 508019	
Solids Content, Forced Draft Oven, 105°C, 0.5 g, 60 min, Film with isopropanol before oven	34.00 — 36.00	%	CTG 1679	
Viscosity Brookfield (mPa.s), LV, Spindle #3, 6 rpm, 25°C	0 — 20000	cP	DOWM 102715	
Viscosity Solution (mPa.s), LV, Spindle #2, 12 rpm, 25°C	450 — 1850	cP	CTG 3281	

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.

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