



**THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION**

**Date Printed:** 2022-06-03

**Effective Date:** 2022-04-28

**Supersedes Date:** 2021-03-19

**Name:** SUNSPHERES™ LCG Polymer

**Specification Number:** 000000183184

**Previous Specified Material:** 00167847

**Government and Industry Standards**

Current NSF/IPEC/ANSI 363 – Excipient GMP Standard

**Final Testing Requirements**

<b>Test and Test Condition</b>	<b>Limit</b>	<b>Unit</b>	<b>Method</b>	<b>Note</b>
Absence of C. Albicans in 1g	Pass		DOWB 508040	
Absence of Gram Neg Bact in 1g	Pass		DOWB 508040	
Absence of S. Aureus in 1g	Pass		DOWB 508040	
Aerobic Plate Count (<100 CFU/g)	Pass		DOWB 508040	
Appearance, Opaque, White to Off-White Liquid, Free of Visible Impurities	Pass		DOWB 508019	
FTIR Identification	Pass		CTG 3220	
Gel Part on 150 Micron	0 — 50	ppm	CTG 3240	
Gel Part on 45 Micron	0 — 100	ppm	CTG 3240	
pH	6.50 — 7.50		DOWM 102574	
Residual Styrene	Pass		CTG 1347	
Residual Total Acrylates	Pass		CTG 1347	

**THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION**

**Name:** SUNSPHERES™ LCG Polymer  
**Specification Number:** 000000183184  
**Effective Date:** 2022-04-28

**Final Testing Requirements**

<b>Test and Test Condition</b>	<b>Limit</b>	<b>Unit</b>	<b>Method</b>	<b>Note</b>
Solids Content, Forced Draft Oven, 150°C, 0.6 g, 20 min	26.00 — 28.00	%	DOWM 102570	
Viscosity Brookfield (mPa.s), LV, Spindle #2, 60 rpm, 25°C	0 — 100	cP	DOWM 102715	

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