

# Carbopol® Ultrez 21 Polymer

## General

**Appearance:** Fluffy, white powder  
**Odor:** Slightly acetic  
**INCI Name:** Acrylates/C10-30 Alkyl Acrylate Crosspolymer

	ACTIVE (%)	MINIMUM	MAXIMUM	TEST FREQUENCY	LUBRIZOL TEST PROCEDURE NUMBER
<b>Wetting Time:</b> (minutes)	0.5 (Dispersion)	--	6	Each Lot	<a href="#">TP-SA-051A</a>
<b>Brookfield RVF or RVT Viscosity, (mPa·s):</b> (20 rpm at 25°C, spindle #7)	0.5 (mucilage* at pH 5.8 - 6.3)	45,000	65,000	Each Lot	<a href="#">TP-SA-051A</a>
<b>Loss on Drying / Moisture Content (%):</b>	--	--	2.0	Once/10 Lots	<a href="#">TP-SA-004</a>
<b>Clarity (% Transmission):</b> 420 nm wavelength	0.5 (mucilage* at pH 5.8 - 6.3)	92	--	Each Lot	<a href="#">TP-485-D</a>
<b>Residual Solvent (%):</b> Ethyl Acetate + Cyclohexane	--	--	0.45	Each Lot	<a href="#">TP-SA-009</a>
<b>Heavy Metals (ppm):</b> (Pb, As, Hg, Sb)	--	--	10	Once / 200 Lots	<a href="#">TP-SA-012</a>

Original Date of Issue: January, 2002

Previous Edition: August 13, 2002

\*A mucilage is defined as an active acidic polymer dispersion in water neutralized with a base, preferably NaOH, to a specified pH.

NOTE: Lubrizol Standard Test Procedure should be followed to insure reproducibility with Certificate of Analysis results.

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