



CFB9603 – “LDPE CAS”

Specification Sheet

This anti-static product is specially designed for packaging applications that require exceptional cleanliness and that meet the requirements of anti-static film.

Our anti-static poly film is AMINE FREE and is available in colors.

Material:	Virgin Custom Polyethylene
Available As:	Lay-flat Tubing, Sheeting & Bags
Clarity:	Transparent or color

	Value	Specification
Density (Specific Gravity)	.924	ASTM D 1505
Gauge, Gauge Tolerance	2 mil, +/- 10%	ASTM D 374
Tensile Strength @ Break		ASTM D 882
MD	2900 PSI	
TD	2600 PSI	
Elongation Strength		ASTM D 882
MD	220%	
TD	330%	
Dart Impact	80 Grams	ASTM D 1709
Cleanliness	Level 100	NASA JPG5322.1
	Level 100	IEST-STD CC1246D
Surface Resistivity	<10 ¹¹ OHMS/SQ.	ASTM D 257
Tear resistance (Elmendorf)		ASTM D 1922

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Specification Sheet (cont.)

Leachable Anions by IC

Analyte	Reporting Limit (ng/cm ²)	Sample Results (ng/cm ²)
Bromide	0.2	*
Chloride	0.1	0.2
Flouride	0.03	*
Nitrate	0.2	*
Nitrite	0.1	*
Phosphate	0.2	*
Sulfate	0.2	*

* - Reported results are less than the reporting limit

Leachable Monovalent & Divalent Cations by IC

Analyte	Reporting Limit (ng/cm ²)	Sample Results (ng/cm ²)
Lithium	0.2	*
Sodium	0.1	*
Ammonium	0.2	*
Potassium	0.2	*
Magnesium	0.2	*
Calcium	0.2	*

* - Reported results are less than the reporting limit

NVR

“LDPE CAS” Sample	10.3 ug/cm ²
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Specification Sheet (cont.)

Leachable Laser Particle Count

Leaching Volume=300 ml / Surface Area=948 cm² / Leaching Time = 1 HR.

	Measured (counts/cm ²)
Particles >= 0.3 um	470
Particles >= 0.5 um	75
Particles >= 0.75 um	25
Particles >= 1.0 um	7.4
Particles >= 2.0 um	1.5
Particles >= 5.0 um	0.2