



CT150 – “Super Cleantuff”

Specification Sheet

	Value	Specification
Density (Specific Gravity)	.925	ASTM D 1505
Gauge, Gauge Tolerance	4 mil, +/- 10%	ASTM D 374
Tensile Strength @ Break		ASTM D 882
MD	4350 PSI	
TD	4270 PSI	
Elongation Strength		ASTM D 882
MD	410%	
TD	675%	
Dart Impact	552 Grams	ASTM D 1709
Cleanliness	LVL 50 & LVL 100	IEST-CC1246D
Tear resistance (Elmendorf)		ASTM D 1922

Sample Type	MVTR g/ M ² /day	MVTR g/ 100 ² in./day	Test Temperature	Conditions RH N ₂
CT100 (.004)	2.70	0.174	37.8 ⁰ C	90%

Sample Type	Oxygen Transfer Rate
CT100	65.4cc/100 ² in/24 Hrs.

ASTM E595-07	Specification Limits	Results	Detection Limits
Total Mass Loss (TML)	1.0% Maximum	0.13	0.01
Collected Volatile Condensable Material (CVCM)	0.10 % Maximum	0.06	0.01
Water vapor recovered (WVR)	Report	< 0.01	0.01

CT100 – “Cleantuff”

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

Leachable Total Oxidizable Carbon

Reporting Limit	3
Measured	10

CT100 – “Cleantuff”

Specification Sheet (cont.)

Leachable Laser Particle Count

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

	Measured (counts/cm²)
Particles \geq 0.3 um	470
Particles \geq 0.5 um	75
Particles \geq 0.75 um	25
Particles \geq 1.0 um	7.4
Particles \geq 2.0 um	1.5
Particles \geq 5.0 um	0.2

NVR

Cleantuff Sample	10.3 ug/cm ²
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