# **ELLITE COLORANTS AND ADDITIVES LLP**

Calcium Carbonate: AC8T

**Technical Data Sheet** 

### PRODUCT INFORMATION:

AC8T is an advanced surface treated, ultra-fine calcium carbonate manufactured from high purity, very white limestone.

# RAW MATERIAL PHYSICAL PROPERTIES:

CaCO <sub>3</sub>	99 .5%	CaO	55.91%
MgCO <sub>3</sub>	0.30%	SiO <sub>2</sub>	0.09%
Fe <sub>2</sub> O <sub>3</sub>	0.01%	$Al_2O_3$	0.04%
HCl insoluble content	0.20%	MgO	0.05%
Cr <sub>2</sub> O <sub>3</sub> (PPM)	4- 5 Max	L.O.I	43.64%

### PRODUCT PHYSICAL PROPERTIES:

#### FINENESS:

FINEINESS.			100.0						5.0
Residue on a 45 Microns sieve (ISO 787/7)	0.01%								
Top cut (d97%)	8 Microns		90.0			$\wedge$			4.5
Mean particle size (d50%)	1.9 Microns		80.0			/ X			4.0
Particles < 2 Microns	46% - 53%		70.0						3.5
		%	60.0			/			3.0
WHITENESS:		Cumu%	50.0		<i>[</i>	/			2.5 Diff%
Brightness (Ry, C/2, DIN 53163)	97.00%	$\vec{c}$	40.0		/	<del></del>			2.0
Brightness CIE L*, a*, b* (DIN 6174)	98 / 0.18 / 0.9	)	30.0		/_/				1.5
Moisture ex works (ISO 787/2)	0.40%		20.0						1.0
			10.0						0.5
GENERAL PRODUCT DATA:									
Loose bulk density	0.7 g/ml		0.0	0.1	1.0	10.0	100.0	1000.0	0.0
pH value (ISO 787/9)	9				9	Size(um)			
Oil absorption (ISO 787/5)	17 g/100g				`	5120(0111)			
VO absorption (ISO 787/5)	18 g/100g								

## **RECOMMENDED APPLICATIONS:**

- PVC Compounds
- Master Batch
- Powder Inks
- Filler in polypropylene

Phone: 8389934342, 902295886 | www.ellitecolorants.com | Email: sales.ellitecolorants@gmail.com