

# TALC EW63

**Description:** Premium grade Talc with excellent whiteness, predominantly finer than 75 microns. Typically used in cosmetics and body talcum powder. Produced in Perth, Western Australia.

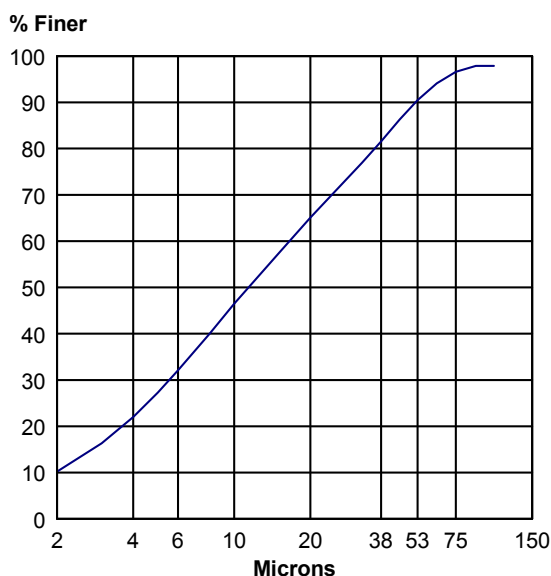
**Specification:** Sizing **2.0% maximum + 75 microns**  
 Brightness R457nm **83 minimum**

(Note: This product is manufactured to the requirements of the process specification above. Typical properties are a consequence of the process, nature of raw material, and are measured at a lower frequency than the specified properties. These results are an average of historical data.)

## Typical Chemical & Physical Properties:

Silica	SiO <sub>2</sub>	59.7%
Magnesia	MgO	30.7%
Alumina	Al <sub>2</sub> O <sub>3</sub>	0.7%
Potash	K <sub>2</sub> O	<0.1%
Soda	Na <sub>2</sub> O	0.1%
Lime	CaO	1.1%
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.9%
Titania	TiO <sub>2</sub>	<0.1%
Loss on Ignition	(1000°C)	6.6%
Oil Absorption	(mls/100g)	37
Specific Gravity		2.78
pH	(33% Slurry)	9.4
Bulk Density	(Compacted, g/cm <sup>3</sup> )	0.8
Surface Area	m <sup>2</sup> /g	7.0
Powder CIE Color	L*	94.89
	a*	-0.48
	b*	+2.74

## Typical Particle Size Distribution by Sedimentation:



### TEST METHODS:

Particle Size	UAL 2.17	Sedigraph 5100
Sizing	UAL 2.5(B)	
Specific Gravity	UAL 2.13	Ultrapycnometer
Oil Absorption	UAL 2.9(A)	Brabender 'E' Absorptometer
pH	UAL 2.11	
Surface Area	UAL 2.8(C)	Multipoint Gemini

Brightness R457nm	UAL 2.1(E)	Microflash (D65/10 Illuminant)
CIE Color	UAL 2.1(E)	Elrepho (D65/10 Illuminant)
Chemical Analysis	UAL 8.5	XRF
Loss on Ignition	UAL 2.3	
Bulk Density	UAL 2.10(A)	Autotapper

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