

TALC

TALCS FOR POLYESTER

(CENTRAL)

Gel Talc and Body Filler talc products are produced from high purity ore. **Gel Talc and Body Filler** products provide an excellent balance of color and mechanical properties for primary use in polyester compounds where consistent viscosity is critical and inherent low oil absorption provides higher filler loadings. **Gel Talc and Body Filler** talcs are platy, hydrophobic and non-abrasive.

Gel Talc is specifically designed for gel coats where excellent color, predictable viscosity and superior surface characteristics are required.

Body Filler talc is designed to allow the formulator to achieve maximum pigment/binder ratios.

Product Description	GEL TALC	BODY FILLER
Median Particle Size (microns) Micromeritics Sedigraph 5100	4 – 6	7 – 10
@ 90% (microns)	12	20
@ 10% (microns)	1	1.8
Dry Brightness Photovolt Hunter L	92	92
Oil Absorption (gm oil/100 gm filler) ASTM – D 281	26	23
Bulk Density Loose (lbs/ft ³)	23	30
Tapped (lbs/ft ³)	60	69
Hegman Fineness ASTM D 1210	6	2

Typical Chemical Analysis		(WT) %
Silicon Dioxide	SiO ₂	46
Magnesium Oxide	MgO	24
Calcium Oxide	CaO	15
Aluminum Oxide	Al ₂ O ₃	<1
Iron As	Fe ₂ O ₃	<1
Loss on Ignition	LOI	17

Typical Properties	
Specific Gravity	2.78
Refractive Index	1.57
Moisture %	< 0.3
pH	9.0
Mohs Hardness	1.0

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