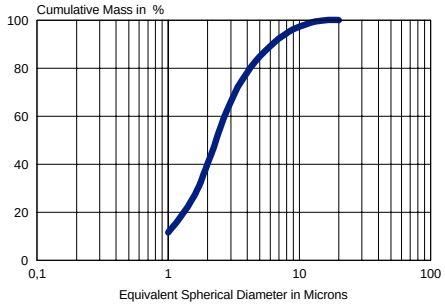
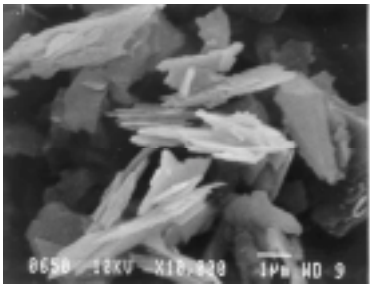
Benwood Talc 2203

Mineralogy	Thermogravimetric and X-ray Diffraction		
Laminar	Talc	**98**	%
	Chlorite	**1**	%
Granular	Dolomite	**1**	%
	Quartz	non detect	
Fibrous	Fiberous minerals	non detect	
Brightness		**93**	Y
Particle Size Distribution Sedigraph 5100		**100** **97.3** **84.9** **40.3** **11.7**	% < 20 µm % < 10 µm % < 5 µm % < 2 µm % < 1 µm
	Median Diameter	**2.3**	µm
	Hegman Grindometer Fineness	**6**	
	Specific Gravity	**2.7**	g/cm^3
	Bulk density	**11**	pounds/ft³
	Packed Bulk	**25**	pounds/ft³
	Specific Surface BET N_2	**7.2**	m^2/g
Chemical Analysis	SiO_2	**61.5**	%
	MgO	**31.4**	%
	CaO	**0.5**	%
	$Fe_2 O_3$	**0.6**	%
	$Al_2 O_3$	**0.5**	%
Loss on ignition	1050 °C	**5**	%
Hardness	Talc	**1**	Mohs
Oil absorption		**52**	g /100 g oil
Refractive Index		**1.6**	
pH	10 % acqueous solution	**9.2**	
Moisture	105 °C	**0.3**	%

Regulatory Approvals : IMI Fabi, LLC talc products meet the FDA requirements of Title 21 CFR 73.1550 Color Additives Certification, Title 21 CFR 182.70 and 182.90 Food Contact Surface Component and Title 21 CFR 75.300(B)(3) Resinous and Polymeric Coatings. The IMI Fabi, LLC talc products are on the US TSCA List and the Canadian DSL. See the MSDS for safety and additional regulatory information.

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