



Producer : IMI – FABI S.p.A.

## HiTalc Premium HTP 1c

<b>Mineralogy</b>	Thermogravimetric and X-ray Diffraction		
<i>Laminar</i>	Talc	<b>99-100</b>	%
	Chlorite	traces	
<i>Granular</i>	Dolomite	<b>&lt; 1</b>	%
	Quartz	<b>&lt; 0,5</b>	%
<i>Fibrous</i>	Asbestos	not detected	
	Tremolite	not detected	
<b>Brightness</b>	Minolta CR 300	<b>96,5</b> <b>-0,15</b> <b>0,95</b> <b>92</b>	CIE L a* b* Y
<b>Particle Size Distribution</b> Sedigraph 5100			
		<b>98</b> % < 10 μm <b>90</b> % < 5 μm <b>57</b> % < 2 μm <b>25</b> % < 1 μm	
	Median Diameter	<b>1,9</b>	μm
	Hegman Grindometer Fineness	<b>7</b>	
	Specific Gravity	<b>2,8</b>	g/cm <sup>3</sup>
	Bulk density (compacted talc)	<b>0,90</b>	g/cm <sup>3</sup>
	Specific Surface BET N <sub>2</sub>	<b>11</b>	m <sup>2</sup> /g
<b>Chemical Analysis</b>	SiO <sub>2</sub>	<b>61,5</b>	%
	MgO	<b>31</b>	%
	CaO	<b>0,5</b>	%
	Fe <sub>2</sub> O <sub>3</sub>	<b>0,7</b>	%
	Al <sub>2</sub> O <sub>3</sub>	<b>0,4</b>	%
Loss on ignition	1050 °C	<b>5,7</b>	%
Hardness	Talc	<b>1</b>	Mohs
Abrasivity	Einlehner AT 1000	<b>6</b>	mg
Refractive Index		<b>1,6</b>	
pH	10 % aqueous solution	<b>9</b>	
Moisture	105 °C	<b>0,4</b>	max.%