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# VANDERBILT

## Technical Data

### Filler Minerals for Rubber & Plastics Department from R.T. Vanderbilt Company, Inc.

Typical Properties	Density		GE Brightness	<325 mesh, %	Median P.S., μm	Hegman Fineness	pH <sup>A</sup>	Oil Abs., %
	g/cm <sup>3</sup>	lb/gal						
<i>Kaolin Clay (Hard Clay)</i>								
<b>DIXIE CLAY<sup>®</sup></b>	2.60	21.6	70	99.8	0.2	--	4.5	41
<b>PAR Clay<sup>®</sup></b>	2.62	21.8	68	99.5	0.2	--	4.8	40
<b>BILT-PLATES<sup>®</sup> 156</b>	2.62	21.8	75	99.95	0.2	4	4.5	41
<i>Kaolin Clay (Soft Clay)</i>								
<b>LANGFORD<sup>™</sup></b>	2.62	21.8	69	99.0	1.3	--	4.8	36
<b>McNAMEE<sup>®</sup></b>	2.62	21.8	75	99.7	1.2	2	4.8	35
<b>PEERLESS<sup>®</sup> 1</b>	2.60	21.6	75	99.6 <sup>B</sup>	1.2	0	4.6	30
<b>PEERLESS 3</b>	2.60	21.6	60	99.6 <sup>B</sup>	1.1	0	4.6	33
<i>Wollastonite</i>								
<b>VANSIL<sup>®</sup> W-10</b>	2.90	24.2	87	97.3 <sup>B</sup>	20.0	0	10.0	19
<b>VANSIL W-20</b>	2.90	24.2	87	98.0	12.0	0-1	10.0	20
<b>VANSIL W-30</b>	2.90	24.2	87	99.9	4.5	4	10.0	21
<b>VANSIL W-40</b>	2.90	24.2	87	99.97	5.6	5	10.0	26
<b>VANSIL W-50</b>	2.90	24.2	87	99.99 <sup>C</sup>	2.8	6+	10.0	30
<b>VANSIL WG<sup>1</sup></b>	2.90	24.2	89	80.0 <sup>B</sup>	--	0	10.0	40
<b>VANSIL HR-325<sup>2</sup></b>	2.90	24.2	89	99.95	2.3	6+	10.0	40
<b>VANSIL HR-1500<sup>3</sup></b>	2.90	24.2	89	97.5 <sup>B</sup>	9.0	0-1	10.0	44
<b>VANSIL HR-2000<sup>3</sup></b>	2.90	24.2	89	95.0 <sup>B</sup>	14.0	0-1	10.0	46

<sup>1</sup>Acicular; 15:1 aspect ratio

<sup>2</sup>Acicular; 12:1 aspect ratio

<sup>3</sup>Acicular; 14:1 aspect ratio

<sup>A</sup>10% slurry

<sup>B</sup><200 mesh

<sup>C</sup><400 mesh

Most wollastonite products are available with silane treatments under the **VANCOTE<sup>®</sup>** trademark.

DIXIE CLAY<sup>®</sup> Filler, PAR<sup>®</sup> Clay, BILT-PLATES<sup>®</sup> Clay, McNAMEE<sup>®</sup> Clay, PEERLESS<sup>®</sup> Clay, VEECOTE<sup>®</sup> Pyrophyllite and VANSIL<sup>®</sup> Wollastonite are registered trademarks of R.T. Vanderbilt Company, Inc. LANGFORD<sup>™</sup> Clay is a trademark of R.T. Vanderbilt Company, Inc.

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