

CH Chrisman Hill® and XY Zeolite

NATURAL ZEOLITE ANALYSIS

Whole Rock Chemistry:		CH Chrisman Hill®	XY
XRF, Dry Weight Basis, Normalized to 100% Weight Percent Oxides	SiO ²	75.02	73.80
	Al ² O ³	13.27	15.00
	TiO ²	0.50	0.29
	Fe ² O ³	3.59	2.58
	CaO	0.93	3.23
	MgO	0.86	1.27
	Na ² O	1.05	1.60
	K ² O	4.78	1.91
Cation Exchange Capacity (CEC) Ammonium Acetate Method	meq/100g	177	188
Bulk Density:			
Pounds/foot ³ - 20 x 50 mesh granules	Loose	48.67	29.95
	Packed	53.04	33.07
Water Absorbance:			
20 x 50 mesh granules, saturated and drained		70%	120%
	Color:	off-white	off-white
		light grey	pale yellow
Brightness:		67	77
Zeolite Species:		Clinoptilolite	Clinoptilolite
Content by XRD:		70-80%	80-90%

Individual samples may vary from this analysis and should not be considered a certified sample unless stated as such. These analyses represent the chemical composition and physical characteristics of commercially available products. The CH and XY Zeolite analysis represents a bulk sample of the entire bed thickness. These are typical analyses, not specifications. Natural occurring minerals vary. TMP mines only high purity raw materials with continuous quality control to ensure minimal variation from shipment to shipment. Disclaimer: The information contained in this bulletin is to our best knowledge, true and accurate. Teague Mineral Products disclaims any liability incurred for damages for the use of this product or for the use of this information herein or omissions herefrom.

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