



PRELIMINARY PRODUCT DATA

TREMIN VP 939-955 Wollastonite

TREMIN VP 939-955 is the name for a surface-treated filler that is produced from natural wollastonite by iron-free grinding with subsequent air separation and coating with an organo-silicon compound.

TREMIN VP 939-955 is characterized by its distinct needle-structure and is designed especially for polyurethane R-RIM.

Typical grain size

TREMIN VP 939	955
Grain diameter in μm	Cilas-Granulometer (Residue in volume %)
64	1
32	8
12	45
6	74
4	84
Sink speed equivalent diameter in μm	SediGraph 5100 (Residue in weight %)
25	3
20	15
10	56
8	66
6	77
4	86
2	94
1	95

HS-No.: 2530 9098

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Typical physical properties

Density (DIN ISO 787-10)	2,85 g/ml
pH-Value (DIN ISO 10390)	10
Mohs hardness	4,5
Linear coefficient of thermal expansion α 20 - 300°C (DIN 51045)	$6 * 10^{-6} * K^{-1}$

Typical chemical analysis (weight %)

SiO ₂	50
Al ₂ O ₃	1
Fe ₂ O ₃	0,3
CaO	45
MgO	0,8
Na ₂ O +K ₂ O	0,2
Loss on ignition 1000° C DIN EN ISO 3262-7	3

Typical grain size related properties

TREMIN VP 939	955
Bulk density (g/cm ³) DIN 53466	0,4
Spec. surface DIN 66132 - BET (m ² /g)	0,6
Oil absorption (g/100g) DIN ISO 787-5	37
Tristimulus values DIN 5033	
X	75
Y	76
Z	88

Products of the VP 939 series being trial products, all here indicated data may be subject to modifications. Further utilization goes to the user's own risk. We cannot guarantee a future production.