

# HI-PFLEX® 100 (Lucerne Valley, CA)

## surface treated fine ground limestone

HI-PFLEX® 100 is a high quality, surface treated, general purpose ground limestone developed for plastics applications. It is free flowing and easily disperses in most polymeric systems.

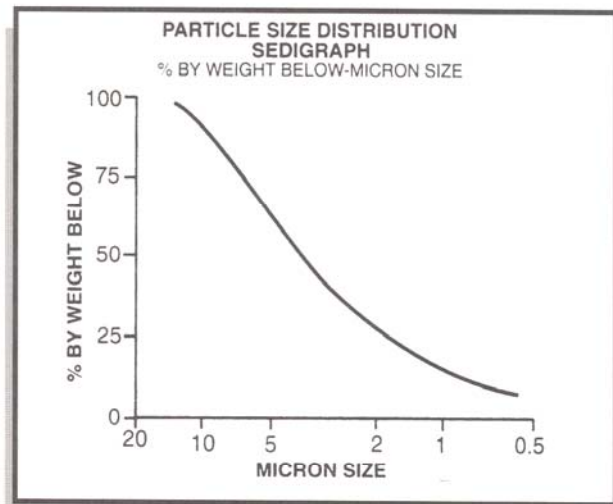
Applications include rigid PVC potable water pipe, DWV, sewer pipe, flexible PVC wire and cable coverings, PVC plastisols and PP compounds.

### Typical Properties

Average Particle Size (microns)	3.0
+325 Mesh (weight percent)	0.001
Specific Gravity	2.7
Dry Brightness (Hunter Y, Rd value)	95
Bulk Density (pounds/ft <sup>3</sup> )	48
(grams/cc)	0.77
Tap Density (pounds/ft <sup>3</sup> )	98
(grams/cc)	1.57
Surface Area (meters <sup>2</sup> /gram)	2.5

### Chemical Composition (typical—before treatment)

Calcium Carbonate	CaCO <sub>3</sub>	98.5%
Magnesium Carbonate	MgCO <sub>3</sub>	1.0%
Iron as	Fe <sub>2</sub> O <sub>3</sub>	<0.025%
Moisture (% weight loss @ 110° C)	H <sub>2</sub> O	<0.2%



HI-PFLEX® 100 is listed under the NSF generic listing program for CaCO<sub>3</sub>.

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