

## PERFORMANCE MINERALS FOR SPECIALTY APPLICATIONS

# SUPER-PFLEX<sup>®</sup> 1430

precipitated calcium carbonate (pcc)

SUPER-PFLEX<sup>®</sup> 1430 precipitated calcium carbonate (pcc) is a surface coated, fine particle size, precipitated calcium carbonate with unique crystal morphology and controlled particle size distribution. This combination of characteristics allows SUPER-PFLEX<sup>®</sup> 1430 to impart improved properties to a polymer composite or compound over those obtained without the use of a mineral filler. Applications include extruded weatherable rigid PVC profiles and substrates, injection molded housings and fittings, small diameter conduit and pipe, and flexible PVC.

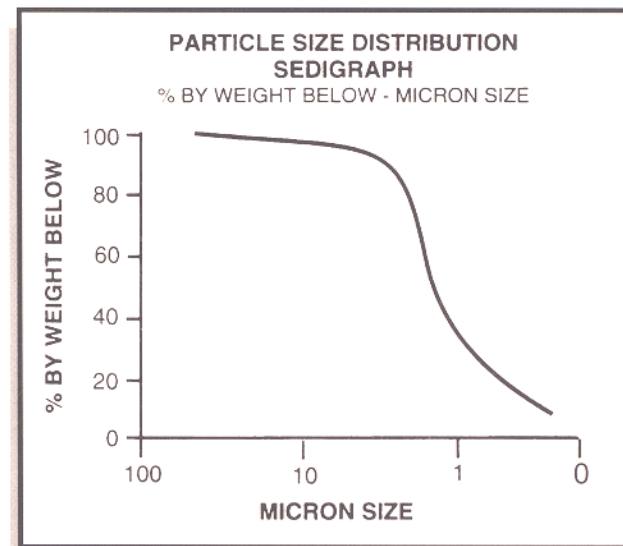
SUPER-PFLEX<sup>®</sup> 1430 pcc has a typical coating level of 1% stearic acid.

### Typical Properties

Particle Shape	Rosette
Median Particle Size (microns)	1.4
+325 Mesh Residue, (weight percent)	.02
Specific Gravity	2.7
Dry Brightness (Hunter Y, Rd value)	98
Bulk Density (pounds/ft <sup>3</sup> )	16
Tap Density (pounds/ft <sup>3</sup> )	36
Oil Absorption (grams/100 grams pigment)	27

### Chemical Composition (typical)

Calcium Carbonate	CaCO <sub>3</sub>	98%
Magnesium Carbonate	MgCO <sub>3</sub>	1%
Iron as	Fe <sub>2</sub> O <sub>3</sub>	0.06%
Moisture (% weight loss @ 110° C)	H <sub>2</sub> O	0.2%



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