

CARACTÉRISTIQUES PHYSICO/CHIMIQUES DU KAOLIN

HYDROUS KAOLIN

Hydrite®R

Hydrite R is a non-predispersed kaolin pigment that has been water-fractionated to a controlled particle size distribution. Hydrite R has good whiteness, is free of coarse particles, and has a medium oil demand.

Hydrite R finds application in paint, polymer and rubber systems where a controlled acid pH is required.

TYPICAL VALUES

Whiteness (L value)	94
Brightness (G.E. % of MgO)	86
Particle Size, Median	0.77µm
Oil Absorption	41%
pH, 20% Solids	4.7
Free Moisture	1.0% max.
Surface Area, B.E.T. Nitrogen	10 m ² /g
Specific Gravity	2.58
Refractive Index	1.56
Residue (325 mesh screen)	0.03% max.

HYDROUS KAOLIN

Hydrite® Flat D

Hydrite Flat D is a non-predispersed kaolin pigment having a controlled coarse particle size distribution. Hydrite Flat D was specifically designed for glass-reinforced polyester systems where a low resin demand, low shrinkage, controlled exotherm, craze resistance and good glass carrying properties are required.

Because of its low water, oil and resin demand, Hydrite Flat D finds a number of applications in paint, plastics, rubber and adhesives.

TYPICAL VALUES

Whiteness (L value)	90
Brightness (G.E. % of MgO)	81.5
Particle Size, Median	5.0um
Oil Absorption	34%
pH, 20% Solids	4.7
Free Moisture	1.0% max.
Surface Area, B.E.T. Nitrogen	7 m ² /g
Specific Gravity	2.58
Refractive Index	1.56
Residue (325 mesh screen)	0.25% max.