

► PolyPlex UF

Characteristics

PolyPlex UF is a surface treated natural ground calcium carbonate. Its ultrafine and steep particle size distribution is tailored to meet the demanding requirements of high-gloss PVC applications such as external window profiles or PVC films. Surface treatment offers excellent dispersion into polymer matrix, ensuring seamless processability.

Physical characteristics

Whiteness Y (ISO 2470)	95
Yellowness (ISO 2470)	< 2,5
Brightness R457 (ISO 2470)	94
pH value (ISO 787/9)*	9
Moisture (ISO 787/2)	< 0,5%
R45 μm	0%
Hardness by Mohs*	3

Chemical analysis*

CaCO_3	98%
Fe_2O_3	0,01%
SiO_2	0,02%
Loss of ignition	42,8%
HCl insoluble content	0,02%

Particle size distribution*

d98% (Sedigraph)	2,0 μm
Q1 μm (Sedigraph)	86%

*Measured on untreated materials