

Fundamental Filler Properties

Filler	Typical Size/μm	Typical Brightness	Refractive Index	Typical Surface Area
CaCO₃ Precipitated/PCC	0.3 - 3.0	95 - 100	1.59	3 - 25
CaCO₃ Ground/GCC	0.7 - 3.0	80 - 95	1.59	2 - 12
Kaolin - hydrous	0.2 - 2.0	78 - 90	1.57	10 - 25
Kaolin - calcined	0.7 - 1.5	90 - 95	1.60	15 - 25
Talc	1.5 - 10.0	85 - 90		9 - 20
TiO₂	0.2 - 0.4	98 - 100	2.55 - anatase 2.76 - rutile	7 - 12
Silicates	0.1 - 3.0	93 - 99	1.55	45 - 75