

TOR BRITE® F

BOEHMITE - FOR POWDER COATINGS



INTRODUCTION

TOR BRITE F, ALUMINIUM MONOHYDRATE (BOEHMITE) CAN BE USED AS A TiO₂ SYNERGIST IN POWDER COATINGS. THE HIGH-QUALITY PROPERTIES OF TOR BRITE F BRING IMPORTANT QUALITY ADVANTAGES TO THE COATINGS AND DURING PROCESSING.

- VERY HIGH BRIGHTNESS / AND LOW A - B VALUE VS. ALL THE OTHER EXTENDERS: BETTER COLOUR THAN BLANC FIXE
- LOW OIL ABSORPTION AND LOW BET
- SYNTHETICAL PRODUCT: PSD VERY CONSISTENT, HOMOGENOUS CRYSTAL SHAPE
- VERY LOW PARTICLE SIZE: HIGH GLOSS, EXCELLENT SURFACE
- EXCELLENT PROCESSABILITY IN THE EXTRUSION PROCESS DUE TO ITS LOW DENSITY AND HARDNESS
- LOW MOISTURE PICK UP
- EXCELLENT WEATHERABILITY
- RESISTANT TO ACIDS AND BASE

COLOR - CIE L*A*B* (D65 - 10°)

IN AN ACRYLIC LATEX PAINT

ID	L*	a*	b*	Gloss, 60°	210mil/6mil
TOR Brite F	93.68	-0.67	3.04	41.8	64.64/44.25
Blanc Fixe Micro	93.13	-0.78	3.59	57.3	58.37/36.67
BP-07 Slurry	86.25	0.27	9.05	41.0	58.03/35.84

COLOR - CIELAB 10°/65

WHITENESS AND BRIGHTNESS OF DRY PRESSED SAMPLES

ID	L*	a*	b*	WI CIE
TOR Brite F	97.90	0.04	0.40	92.89
Blanc Fixe Micro	97.94	-0.38	1.13	89.75
R902	94.81	-0.69	1.51	80.31

SPECIFICATION

ALO(OH) content %	99.9
Whiteness (CIE L*)	98
Physical Form	White
Particle Size - d ₅₀ (µm)	1
Oil Absorption %	28
Mohs Hardness	4.5
Refractive Index	1.7
Specific Density (g/cm ³)	3
Surface area BET (m ² /g)	12