

amilite alpha blue 15:1 A46MB (Masterbatch Grade)

Technical Data Sheet

Product Information	
C. I. Name	PIGMENT BLUE 15:1
C. I. No.	74160
Chemical Type	Cu-Phthalocyanine Blue (Alpha)
CAS No.	147-14-8
Physical Properties	
Appearance	Dark Blue Colored Powder
Bulk Density	$0.30 \pm 0.10 \text{ gm/cm}^3$
pH Index	5.0 – 8.0
Sieve Residue	0.1% max. in 300 mesh
Conductivity	< 150 $\mu\text{S/cm}$
Specific Surface	$60 \pm 10 \text{ m}^2/\text{gm}$
Hue Angle	245 – 250
Filter Pressure Value	< 1.0 in 15 μ < 2.5 in 10 μ
Fastness Properties	
Heat Stability	300° C (See Curve)
Light Fastness	8/8 Full 8/8 Tint
Resistance to Weather	5/5 Full 5/5 Tint
Resistance to Acid	5/5 Full 5/5 Tint
Resistance to Alkali	5/5 Full 5/5 Tint
Resistance to Bleed	5/5 Full 5/5 Tint
Applications	
Polyolefins	Recommended
Rubber & EVA	Recommended
Engineering Plastics	Recommended
PVC & PVC Leather Cloth	Recommended
PP Fiber	Recommended
PET Fiber	Potential
Regulations	
AP 89/1	Complied
EN 71-3	Complied