

Technical Datasheet

1.41442 Miraval[®] 5450 Cosmic Bronze

Industrial Pigment

CHEMICAL COMPOSITION	%	CAS NO.
Calcium Aluminum Borosilicate	48 - 70	65997-17-3
TiO ₂	23 - 33	13463-67-7
SiO ₂	5 - 11	7631-86-9
Fe ₂ O ₃	2 - 6	1309-37-1
SnO ₂	0 - 2	18282-10-5
FORM:	Dry, free-flowing powder	
PACK SIZES:	150 g, 1 kg, 15 kg	
INTERFERENCE COLOR:	Coppery sparkle	
PARTICLE SIZE DISTRIBUTION: (laser diffraction measurement)	20 – 200 µm (> 80% of particles within range)	
DENSITY: (ISO 787-10)	2.7 – 3.1 g/cm ³	
BULK DENSITY: (ISO 3923-2)	45 - 55 g/100 ml	
OIL ABSORPTION: (ISO 787-5)	55 - 65 g/100 g	
HEAT STABILITY:	Stable up to 450°C, non-flammable	
WATER SOLUBILITY:	Practically insoluble	
pH VALUE: (ISO 787-9)	8 - 11	
SHELF LIFE:	10 years	
STORAGE CONDITIONS:	Room Temperature	
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