



Sumica-WR™

Product Name : Sumica Bright Silver	Color : Silver	Appearance : Lustrous Powder
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Chemical Composition:				
Ingredient	% Composition	C.I.Number	CAS Number	EINCES Number
Mica	65-77	77019	999999-99-4/12001-26-2	310-127-6
Titanium Dioxide	24-32	77891	13463-67-7	236-675-5
Tin oxide	0.1-1.0	77861	18282-10-5	242-159-0
Chromium Hydroxide	0.1-1.0	77289	1308-14-1	215-158-8

Physical Properties				
Parameter	Value	Unit	Method	Remark
TiO ₂ modification	Rutile		ASTM D3720	-
Volatile matter	1	%	ISO 787-2	At 105 °C, 2 h
Oil absorption	65-75	g/100g	ISO 787-5	-
pH value	7-11	-	ISO 787-9	10% Aq. Suspension
Specific gravity	2.9±0.2	-	IS 33 Part B	-
Apparent density	0.3±0.1	g/cc	ISO 787-11	-
Water solubility	1	%	IS 3493	Practically Insoluble
Heat stability	< 250°C	°C	Sudarshan CPTL/301	-
Resistance to dilute acid and alkali	-		Sudarshan CPTL/301	-
Particle size range (85% within range)	10-40	µm	Sudarshan EP/1020	Determined on Malvern Particle Size Analyzer

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