

technical datasheet

1.17755 RonaFlair® LDP White

Functional Filler

CHEMICAL COMPOSITION:	%	COLOR INDEX NO.	CAS NO.	EINECS NO.
Sodium Potassium Aluminum Silicate	64.0 - 80.0		66402-68-4	226-340-9
Titanium Dioxide	10.0 - 18.0	77891	13463-67-7	236-675-5
Silicon Dioxide	10.0 - 18.0		7631-86-9	231-545-4

INCI NAME: Sodium Potassium Aluminum Silicate, CI 77891 (Titanium Dioxide), Silica

APPEARANCE: White powder

PARTICLE SIZE: 2.0 - 20.0 µm (80 % within range)
(laser diffraction) 4.0 - 8.0 µm (D₅₀: median size)

pH: 8.0 - 11.0
(10% aqueous suspension, ISO 787-9)

LOSS ON DRYING: ≤ 3.0 %
(105°C, 2 hours, ISO 787-2)

MICROBIAL PURITY:	Total Viable Aerobic Count	≤ 100 CFU/g
(USP, Ph. Eur., JP.)		
	E. coli	absent in 1 g
	Pseudomonas aeruginosa	absent in 1 g
	Staphylococcus aureus	absent in 1 g
	Salmonella species	absent in 10 g
	Candida albicans	absent in 1 g
	Gram negative bacteria	absent in 1 g

HEAVY METALS:	As	≤	2 ppm	Hg	≤	1 ppm
(Modified PCPC and internal methods)	Ba	≤	50 ppm	Ni	≤	10 ppm
	Cd	≤	3 ppm	Pb	≤	10 ppm
	Cr	≤	100 ppm	Sb	≤	1 ppm
	Cu	≤	50 ppm	Zn	≤	50 ppm



ADDITIONAL DATA:

The following data is included for information purposes and is not part of the product specifications:

BULK DENSITY: 24 - 34 g/100 ml
(ISO 3923-2, ASTM B329-06)

OIL ABSORPTION: 80 - 100 g/100 g
(ISO 787-5, ASTM D281)

SHELF LIFE: 5 years

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NOTE: For further information see Specification and Material Safety Data Sheet.

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