

Hydrotalcite – PURAL[®] MG 63 HT

Product No 595063

Chemical Description: Hydrotalcite (aluminum magnesium hydroxy carbonate)

CAS-Number: 11097-59-9

Chemical Data:

MgO : Al ₂ O ₃	%	62-64 : 38-36	500-39c
L.O.I.	%	45 max.	500-21d
SiO ₂	ppm	350 max.	500-39
Fe ₂ O ₃	ppm	200 max.	500-39

Analytical Method:

Physical Properties:

Crystallite Size (003)	Å	65 min.	500-61
Loose Bulk Density	g/l	100 – 400	500-50
Particle Size Distribution			500-54g
d ₅₀	µm	3.0 - 9.0	
d ₉₀	µm	18.0 max.	

FDA information / Food contact

PURAL MG 63 HT is listed in Directive 2002/72/EC relating to plastic materials and articles intended to come into contact with foodstuffs Annex III, Section A "Incomplete list of additives fully harmonised at Community level". That means it may be used in the manufacture of plastic materials and articles and that there are no additional restrictions to limitations others than those which are still subject to the maximum extractability limit requirements of the EU.

PURAL MG 63 HT can be used in full compliance with the Federal Food, Drug, and Cosmetic Act and all applicable FDA regulations. Furthermore, the Food and Drug Administration (FDA) has issued letters stating that hydrotalcite is acceptable for use as a component of polymeric food packaging. Consequently, PURAL MG 63 HT may properly be considered GRAS when used as a polymer additive.