

Technical Data Sheet Kahlbeads 2178P – Castor Wax Beads

Characteristics

Kahlbeads 2178P are white beads from Castor wax which is obtained by hydrogenation of virgin castor oil.

Application

Due to their round shape and high melting point Kahlbeads 2178P are ideal peeling particles with polar surfaces for sensitive skin. Kahlbeads 2178P should not be added at temperatures > 50°C in order to avoid melting.

Recommended for

Industrial Application
 Personal Care
 Pharma
 Food

Certification status

Ecocert / Cosmos natural
 European Pharmacopoeia
 USP / NF
 Ecocert / Cosmos organic
 Kosher
 Halal

Technical data

Parameter		Unit
INCI (EU)	Hydrogenated Castor Oil	
CAS no.	8001-78-3	
Color	white/ cream white	
Appearance	spherical, waxy beads	
Melting point*	83–89	°C
Acid value*	< 4	mg KOH/g
Saponification value*	175–185	mg KOH/g
Needle penetration	approx. 5	dmm
Particle size distribution	< 10 %	< 250 µm
	approx. 35%	< 315 µm
	approx. 65%	< 500 µm
	approx. 95%	< 710 µm
	> 97%	< 1000 µm

Please review our Quality & Regulatory Product Information for detailed information concerning regulatory status.

* Specified data

Automatically generated and valid without signature
2 June 2016

Version 03.01

“Color and shape of the product may differ slightly within a production batch due to the production process.”

Every care has been taken to compile the above information accurately. To the best of our knowledge, it strictly complies with our best results. Since the analysis is intended to describe the product and the application of this information is beyond our control, we disclaim any liability incurred in connection with its application and use. The information contained herein does not imply any legally binding statement concerning the use or description of this product. We further disclaim any liability for changes that might occur due to ageing of the product or damage during transport and storage, and we recommend that the consumer always test the product prior to using it to establish its suitability for the intended application. All facts given in this document apply only to the pertinent KahlWax product. Any transfer to similar generic market products is illegal. All market participants must know the specifics of manufacturing processes and potential contaminants and must ensure the safety of their product on their own.