



avisa
Impex



AVISA IMPEX PVT. LTD.

ACTIVATED BLEACHING EARTH TECHNICAL DATA

A specially developed product for bleaching dark-coloured oils like Rape seed, Soya bean, Cotton Seed and solvent Extracted Ground Nut Oils where the Corotenoid Pigments contained in oils range from yellow to deep red colours. They are sufficiently acidic to be removed with alkali. For all such oils, this product is recommended as it has unique absorptive capacity to remove the deep red colours.

Suggestions:

1. For optimum bleachability, the contact time of the Earth shall be maximum of 20 minutes.
2. Prior to using this product, the oils should be completely dried under vacuum.

PHYSICAL AND CHEMICAL PROPERTIES:

Composition:

Acid Activated Bentonite Clay

Physical Properties:

Colour	Buff
Moisture	9%
pH	5
Bulk Density	0.6gm/cc

Screen Analysis:

Percentage Retained	Microns	Mesh	Minimum%	Maximum%
A)	125	120	0	14
B)	53	300	1	38

Oil Retention:

This is a factor which varies according to the type of filtration and pressure applied during filtration. As per I.S. Test Method No. IS:1035-1972 the oil retention is 27%.

Chemical Analysis:

SiO ₂	57.00
Al ₂ O ₃	8.50
Fe ₂ O ₃	4.40
TiO ₂	1.80
MgO	2.90
CaO	2.50
Na ₂ O	0.85
K ₂ O	1.80
Loss on ignition	5.65
Moisture (%)	7.50

1 North Bridge Road #07-10 High Street Center Singapore - 179094

www.avisaimpex.com

Phone/ Whatsapp +65 8830 9484

Siri.sankar@avisaimpex.com