

Select[®] 350

TECHNICAL DATA SHEET

DESCRIPTION

Select[™] 350 is a selective adsorbent from Oil-Dri Corporation of America. Developed from proprietary process technology, Select 350 starts with a natural magnesium aluminum silicate. This material is then specially modified to produce an adsorbent with an affinity for soaps, metals and phospholipids. Select 350 offers advantages not available from conventional silica gel adsorbents.

BENEFITS

- Strong affinity for adsorbing soaps, phospholipids, and trace metals
- Potential reduction in bleaching clay use
- Effective on a variety of feedstock oils
- Promotes higher flash point, lower cloud point, and glycerin removal in biodiesel

REGULATORY APPROVALS

All Select products are classified as processing aids and have Generally Recognized As Safe (GRAS) status from the Food and Drug Administration (FDA).

TYPICAL PROPERTIES

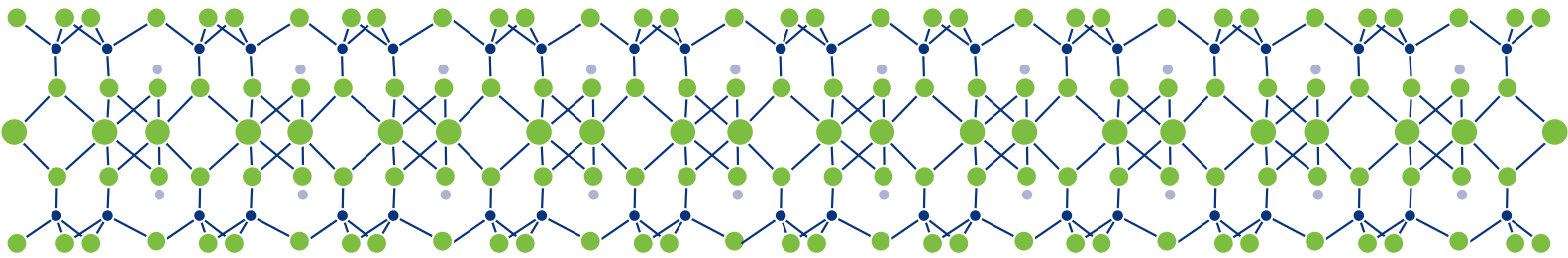
FAMILY Adsorbent Technology	SELECT 350
FREE MOISTURE Wt. % @ 105°C	<5
pH 5% solids in D.I.H ₂ O	3.6
TAMPED DENSITY	37 LBS./ft ³ 593 g/L
PARTICLE SIZE U.S. Standard Sieve Through 325 Mesh (<45 Microns) wt. %	62

TYPICAL COMPOSITION

The determination of elemental analysis is performed by X-Ray Fluorescence (XRF). Typical values for elemental analyses expressed as their oxides (dry matter basis) are as follows:

COMPOUND	Wt%	COMPOUND	Wt%
SiO ₂	70	K ₂ O	1.5
Al ₂ O ₃	13	Na ₂ O	0.2
MgO	7	Trace Compounds	1
Fe ₂ O ₃	5	Total	100
CaO	2.3		





TECHNICAL SERVICE & SUPPORT

Technical support includes accessibility to Oil-Dri's research and development group and our state-of-the-art testing facilities, in-plant trials and a wealth of industry expertise.

Oil-Dri recognizes that equipment, procedures and conditions interact with crude oil type and quality to make every process unique, and we'll help you optimize your processes and products.

PACKAGING & TRANSPORTATION

Select 350 is available in bulk and 20 kg bags. Shipments are made by truck, rail or shipping container. Packaged product is palletized and unitized. Oil-Dri can arrange for transportation or customer pickup. Point of origin is Ochlocknee, Georgia, U.S.A.

DISCLAIMER

The properties outlined above represent typical values for this product. They are not designed to convey absolute product specifications. The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. Oil-Dri makes no warranty, express or implied, with respect to the product and assumes no responsibility for any risk or liability arising from the use of this product information

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