

PRODUCT DATA SHEET

Full-Fat Toasted Soybeans

Natural soybean protein and oil in one versatile ingredient for poultry and other suitable animal feed applications. With 362 g/kg crude protein and 195 g/kg crude fat, it combines two nutritional fractions in a single raw material.



Nutritional advantages

- Protein and naturally occurring soybean oil supplied together.
- Digestible amino acids for poultry feed formulation.
- Retained oil fraction contributes dietary fat and linoleic acid.
- Can be evaluated against soybean meal combined with separately added vegetable oil.
- Toasting is intended to reduce heat-sensitive anti-nutritional factors.

Applications and feeding guidance

POULTRY	PIGLETS	SOWS
5-20%	7-15%	10-15%

Indicative inclusion rates from the product specification. Poultry inclusion depends on species, age and intended use. Final levels depend on the complete feed formulation.

Formulation perspective

The combined protein-and-oil composition provides an option for nutritionists evaluating soybean meal plus added vegetable oil. Its economic contribution depends on formulation and ingredient prices. This is a toasted product, not an extruded soybean product.

Storage

Moisture: 11%. Shelf life: several months under dry storage conditions. Confirm batch-specific conditions against the accompanying documentation.

NUTRITIONAL SPECIFICATION

Composition & amino acids

Average values per kg of product as supplied. Figures are taken from the product specification dated 24 August 2019.

COMPOSITION	Per kg
Dry matter	890 g
Crude protein	362 g
Crude fat	195 g
Crude fibre	64 g
Crude ash	46 g
Starch	60 g
Sugar	75 g
Linoleic acid	102 g
OKH	225 g
NSP	210 g

TOTAL AMINO ACIDS	Per kg
Lysine	22.8 g
Methionine	5.1 g
Methionine + cystine	10.6 g
Threonine	14.3 g
Tryptophan	4.8 g

MINERALS	Per kg
Calcium	2.0 g
Phosphorus	5.2 g
Sodium	0.1 g
Potassium	17.3 g
Magnesium	3.2 g
Chloride	0.3 g

POULTRY DIGESTIBLE AA	Per kg
Digestible lysine	19.3 g
Digestible methionine	4.3 g
Digestible cystine	4.4 g
Digestible threonine	11.7 g
Digestible tryptophan	4.1 g

SWINE SID AA	Per kg
SID lysine	18.9 g
SID methionine	4.2 g
SID methionine + cystine	8.3 g
SID threonine	11.2 g
SID tryptophan	3.9 g

Additional specification values

Digestible phosphorus for pigs: 2.1 g/kg. The source also lists a pig energy value of 1.37 per kg without a clear unit; it is not reproduced as a formulation energy claim.

All values are specification averages. Poultry and swine amino acid values refer to different digestibility systems and should not be interchanged.