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PRODUCT SPECIFICATION

Product Name: NatureFlexx A6

SPECIFICATION

Parameters	Specification	Method of analysis
Iodine value	3.0 g I/100 g Maximum	1.4-Q
Oxirane value	6.8 g O/100 g Minimum	1.10-Q
Acid value	0.70 mgKOH/g Maximum	1.3-Q
Volatility 120°C	0.20 % Maximum	1.1-F
Specific gravity (25 / 25 °C)	0.987 - 0.999	1.2-F

GENERAL DATA

CAS number	8013-07-8
Composition	Epoxydized Soybean Oil
Refractive index (nd 20)	1.472
Viscosity (25°C)	380 cp
Density (25°C)	0.990 g/ml
Color (gardner)	1 - 2
Packing	Drums or Bulk
Shelf life	2 Years
Storage	Usual caution required with chemical products storage

APPLICATIONS AND FUNCTIONS

The value of epoxy plasticizers to obtain both heat and light stability is widely recognized. These materials are known as one of the most important classes of additives used in vinyl compounding. This material acts synergistically with metallic stabilizers, barium – cadmium, barium – cadmium zinc, barium – zinc and particularly calcium – zinc types, to provide significant better heat and light stability than the one obtained with any other component alone. The improvement of heat and light stability obtained by the use of this product facilitates the reprocessing of the material in calendaring and allows longer extrusion and injection-molding cycles before downtime for cleanup, if necessary.