



## T E C H N I C A L   D A T A   S H E E T

### Epoxidized Soyabean Oil (MONSOL ESBO)

**Property:** A good plasticiser and stabiliser for PVC for hardness modification, gloss, sunlight-resistance, heat-resistance, low volatility and excellent gelling. MONSOL ESBO is a non-toxic, clear and clean liquid which is soluble in hydrocarbons and is slightly soluble in alcohol, but insoluble in water.

**Application:** Adaptable to such products as: medical appliances, drugs and food packaging, wallpaper, film, rigid sheet, hose, tube, blow moulding, injection moulding, cable coating, artificial leather, refrigerator gaskets and sealing strips for motors etc.

Item of Analysis	Unit	Specification
Colour	Pt-Co	140 max
Relative Density (specific gravity)	(25°C)	0.990±0.005
Viscosity (25°C)	c-poise	390 max
Moisture Content	%	0.1 max
Volatile & water(heat loss) (125°Cx3hrs)	%	0.3 max
Flash Point	°C	280 min
Refractive index	(25°C)	1.470±0.003
Oxirane Value	%	6.6 min
Acid Value	KOH mg/g	0.5 max
Iodine Value	12gr/100gr	2.8 max

**Packaging:** IBC drums (1000kg net). 18mt/fcl

**Storage:** Keep in a cool, dry and well ventilated place.

*The above results are typical values and do not constitute a specification.*

Please call or email for further information on any of our products

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