



# **STRUKTOL® TR 131F**

**SLIP AGENT / LUBRICANT / DISPERSANT / MOLD RELEASE AGENT**

## **COMPOSITION**

Unsaturated primary amide derived from erucic acid.

<b>PROPERTIES</b>	<b>TYPICAL VALUES</b>
Appearance	Bead
Acid Value (max.)	1.0
Amide Content (%) (min.)	98.0
Gardner Color (max.)	5.0
Iodine Value	70 – 85
Melting Point (°C)	78 - 88
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	55 lb. PE bag / 2,200 lb. skid 25 kg. PE bag / 1,0000 kg. skid

## **RECOMMENDATIONS FOR APPLICATION**

STRUKTOL® TR 131F is mainly used as a slip agent in polyolefin films, reducing the coefficient of friction. It is the agent of choice at higher extrusion temperatures because of its high heat stability and slower rate of migration to the surface compared with oleamides.

The slower rate of migration is also an advantage when films are printed, sealed or laminated shortly after extrusion. Its low odor makes it suitable for certain food contact applications.

STRUKTOL® TR 131F is also used as a release agent in various polymer systems, and as a dispersant in color concentrates and printing inks. In PVC plastisols for screw closures, it reduces the torque and facilitates release.

STRUKTOL® TR 131F is also used as a process aid or lubricant in thermoplastic elastomers (TPEs), thermoplastic resins and thermoset rubber systems. The properties it imparts to the surface may assist in subsequent operations such as parts assembly.

## **ADDITION LEVELS**

Plastics	0.05 – 0.5%
PVC	0.3 – 0.5 %
Elastomers	1 – 3 phr

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