

## Struktol TR 045 Processing Additive

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

**Material Notes:**

Oleochemical derivative with no metal ions. STRUKTOL® TR 045 is a fatty acid based additive designed to maximize the wetting to both a polar filler and a non-polar polymer. By wetting both surfaces, this material allows a quicker incorporation of additives into the polymer matrix decreasing mixing times, melt temperatures and viscosity. The product contains no metal soaps and may be used where these are unacceptable. The acid value is quite low, so this compound may also be used where stearic acid is a problem. Specific viscosity improvements have been seen with high impact polystyrene (HIPS). FDA Status: 175.105; 176.170; 177.1200; 177.1400; 177.1580; 178.2010; 178.3860

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Struktol-TR-045-Processing-Additive.php](http://www.lookpolymers.com/polymer_Struktol-TR-045-Processing-Additive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	
Additive Loading	0.10 - 1.0 %	0.10 - 1.0 %	Depending on polymer and other additives

Thermal Properties	Metric	English	Comments
Dropping Point	76.0 - 90.0 Å°C	169 - 194 Å°F	

Chemical Properties	Metric	English	Comments
Acid Value	<= 20	<= 20	

Processing Properties	Metric	English	Comments
Shelf Life	>= 24.0 Month	>= 24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Light tan beads	

## Contact Songhan Plastic Technology Co.,Ltd.

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