

## Struktol TR 016 Processing Additive

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

**Material Notes:**

A blend of fatty acid metal soap and an amideThe amide of STRUKTOLÂ® TR 016 has sites available for hydrogen bonding, and is therefore able to act as a physical coupling agent between polymer systems and a range of filler materials. This permits STRUKTOLÂ® TR 016 to act as an efficient blending or dispersing agent in highly filled systems, providing a more uniform and homogenous initial mix. At processing conditions, STRUKTOLÂ® TR 016 is an effective internal lubricant for the polyolefins, PVC, PS, ABS and many of the TPO systems.

Application areas recommended for STRUKTOLÂ® TR 016 in highly-filled systems include TPEs and TPO compounds, filled olefins, flame retarded polymers and color concentrate materials. In addition, STRUKTOLÂ® TR 016 can be useful in those standard unfilled polymers where reduced viscosity and improved flow are desirable at processing conditions. In many systems, better surface appearance and lower and more uniform mold shrinkage will be seen. Physical property losses are quite small for most compounds at normal addition levels of STRUKTOLÂ® TR 016. Benefits of STRUKTOLÂ® TR 016 include: Improved flow at processing temperatures Better surface appearance

Easier mold release in many systems Better dispersion of fillers and additives Non-blooming properties FDA Status: 173.340; 175.105; 175.300; 175.320; 176.170; 176.200; 176.210; 177.1200; 177.2260; 177.2410; 177.2600; 177.2010; 178.2010; 178.3860; 181.29; 184.1229

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Struktol-TR-016-Processing-Additive.php](http://www.lookpolymers.com/polymer_Struktol-TR-016-Processing-Additive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	
Additive Loading	0.25 - 1.0 %	0.25 - 1.0 %	

Thermal Properties	Metric	English	Comments
Dropping Point	96.0 - 108 Â°C	205 - 226 Â°F	

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

Descriptive Properties	Value	Comments
Appearance	Pale beads or pastilles	

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