

Struktol TR 071 Processing Additive

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

Material Notes:

A fatty acid metal salt and a unique amide structure. STRUKTOLÂ® TR 071 contains a combination of a fatty acid metal salt and a unique amide structure. In this regard, it is similar to STRUKTOLÂ® TR 016, except the calcium ion in STRUKTOLÂ® TR 016 is replaced by a zinc ion in STRUKTOLÂ® TR 071. The amide has hydrogen-bonding capability, which enables it to act as a physical "coupling agent" between the polymer and a range of filler systems. It can wet both polar and non-polar fillers, making it a valuable blending aid for high-filled systems, as well as an excellent internal lubricant at process temperatures. STRUKTOLÂ® TR 071 has shown particular efficiency with flame retarded, high impact polystyrene compounds and selected brominated compounds for flame retarding applications. FDA Status: 175.105; 175.300; 176.170; 176.180; 176.200; 177.2600; 178.2010; 178.3910; 182.8994

Order this product through the following link:

http://www.lookpolymers.com/polymer_Struktol-TR-071-Processing-Additive.php

Physical Properties	Metric	English	Comments
Additive Loading	1.0 - 2.0 %	1.0 - 2.0 %	Due to high solubility in styrene polymers

Thermal Properties	Metric	English	Comments
Dropping Point	110 - 120 Â°C	230 - 248 Â°F	

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

Descriptive Properties	Value	Comments
Appearance	Light tan beads or pastilles	

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