



STRUKTOL[®] TR 071

**PROCESSING ADDITIVE
COMPOUNDING AID**

COMPOSITION

A fatty acid metal salt and a unique amide structure.

PROPERTIES	TYPICAL VALUES
Appearance	Light tan beads or pastilles
Dropping Point (°C)	110 - 120
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 / 1,000 kg. skid

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] TR 071 contains a combination of a fatty acid metal salt and a unique amide structure. In this regard, it is similar to STRUKTOL[®] TR 016, except the calcium ion in STRUKTOL[®] TR 016 is replaced by a zinc ion in STRUKTOL[®] 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. STRUKTOL[®] TR 071 has shown particular efficiency with flame retarded, high impact polystyrene compounds and selected brominated compounds for flame retarding applications.

ADDITION LEVELS

Because of the high solubility in styrene polymers, 1 - 2% is recommended.