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TECHNICAL DATA

STRUKTOL® TR 229

BLENDING AID COMPATIBILIZER WITH PROCESSING LUBRICANT

COMPOSITION

Proprietary blend.

TYPICAL PROPERTIES

Appearance	Yellowish pastilles or powder
Dropping point (°C)	46 - 58
Specific Gravity	1.01
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	55 lb. bag

RECOMMENDATIONS FOR APPLICATION

STRUKTOL® TR 229 is a blend of compatibilizer and processing lubricant that was designed for use in Nylon 6 and 6,6 compounds as well as for PC/ABS blends. The compatibilizer makes it effective at binding filler materials to the polymer system by virtue of its adhesive nature while the lubricant part provides improved processing characteristics of filled and unfilled polyamides and PC/ABS blends. Typical improvements in processing are improved mixing and reduced die build-up (“die bearding”) and die drool. For injection molding applications, processors can expect to see better flow and mold filling vs. typical lubricants such as metallic stearates, montan waxes or amide waxes.

STRUKTOL® TR 229 is excellent for use in recycling of Nylon 6 and 6,6 and PC, PC/ABS.

DOSAGE

0.6 – 3.5%

FDA STATUS

STRUKTOL® TR 229 is sanctioned for use by the Food and Drug Administration (FDA) in a number of applications, listed in the following sections of Title 21 of the Code of Federal Regulations:

172.280 Terpene resin	177.1200 Cellophane
172.615 Chewing gum base	177.1210 Closures with sealing gaskets for food containers
175.105 Adhesives	177.1580 Polycarbonate resins
175.125 Pressure-sensitive adhesives	177.2420 Polyester resins, cross-linked
175.300 Resinous and polymeric coatings	177.2600 Rubber articles intended for repeated use
175.320 Resinous and polymeric coatings for polyolefin films	178.3930 Terpene resins
176.170 Components of paper and paperboard in contact with aqueous and fatty foods	178.2010 Antioxidants and/or stabilizers for polymers
176.210 Defoaming agents used in the manufacture of paper and paperboard	

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