



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] TPW 243

**COMPATABILIZER
PROCESSING ADDITIVE**

COMPOSITION

Proprietary blend.

TYPICAL PROPERTIES

Appearance	White to off-white pastille
Melting point (°C)	72 - 84
Specific Gravity	0.95
Storage Stability	2 years under normal storage conditions
Packaging	50 lb. bag

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] TPW 243 is a second generation compatibilizer that works by reaction extrusion. Therefore, optimum results are obtained by having adequate venting atmospheric and vacuum and/or heat up the first few zones and starve feed the material so degassing will occur in the feed throat. STRUKTOL[®] TPW 243 should be added at the feed throat either as a pre-blend or a separate feeder. It should not be added in the side feeder as the best results are obtained in a time/temperature relationship. A pyramid profile is recommended starting at 180°C at the feed, up to 210°C in the middle and 170°C at the die with the melt temperature around 190°C. Allow 24 to 48 hours curing time before testing.

DOSAGE

0.5 – 3.0%

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