



Struktol Company of America

201 E. Steels Corners Road • P. O. Box 1649
Stow, Ohio 44224-0649 • www.struktol.com
Phone (330) 928-5188 • Fax (330) 928-8726

TECHNICAL DATA

STRUKTOL[®] TPW 244

**COMPATABILIZER
PROCESSING ADDITIVE**

COMPOSITION

Proprietary blend.

TYPICAL PROPERTIES

Appearance	White to off-white powder
Ash Content (%)	32 - 42
Specific Gravity	0.984
Storage Stability	1 year under normal storage conditions
Packaging	40 lb. bag

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] TPW 244 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 244 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.

STRUKTOL[®] TPW 244 is designed to compatibilize polar and non-polar materials.

DOSAGE

0.5 – 2.0%

(05/21/2012)SNK/rca