



# **STRUKTOL<sup>®</sup> TPW 813**

## **COMPATABILIZER / COUPLING AGENT**

### **COMPOSITION**

Proprietary blend.

<b>PROPERTIES</b>	<b>TYPICAL VALUES</b>
Appearance	White to off white pastille
Melting Point (°C)	86 - 98
Specific Gravity (g/cm <sup>3</sup> )	1.2
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	50 lb. bag

### **RECOMMENDATIONS FOR APPLICATION**

STRUKTOL<sup>®</sup> TPW 813 next generation coupling agent for use in wood plastic composites (WPC). It offers superior properties vs. traditional coupling agents. In addition to providing excellent flexural properties, it is especially effective at reducing water absorption, resulting in a much more durable product that can withstand many more wetting and freeze-thaw cycles. It does react chemically so it is recommended that the extruder have a vacuum vent or at minimum, an atmospheric vent. Extruder temperatures of minimum 170°C are recommended.

It is also notable that STRUKTOL<sup>®</sup> TPW 813 can be used with any type of lubricant and works especially well with STRUKTOL<sup>®</sup> TPW 617, a next generation high efficiency lubricant/process aid.

STRUKTOL<sup>®</sup> TPW 813 may continue to react in the extruded product so it is recommended to wait at least 48 hours before measuring flexural or other physical properties to obtain the final values.

### **DOSAGE**

0.5 – 1.5%

(08/13/19)JMB/rca