



## Struktol Company of America

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## Struktol Engineered Products for Processing & Physical Enhancements

If you have a problem – STRUKTOL HAS AN ANSWER

**ASSIGNMENT:** *Develop an additive for polypropylene that would assist in filling large mold cavities while offering mold release.*

### **STRUKTOL SOLUTION: STRUKTOL® SA 1011**

#### **ADVANTAGES:**

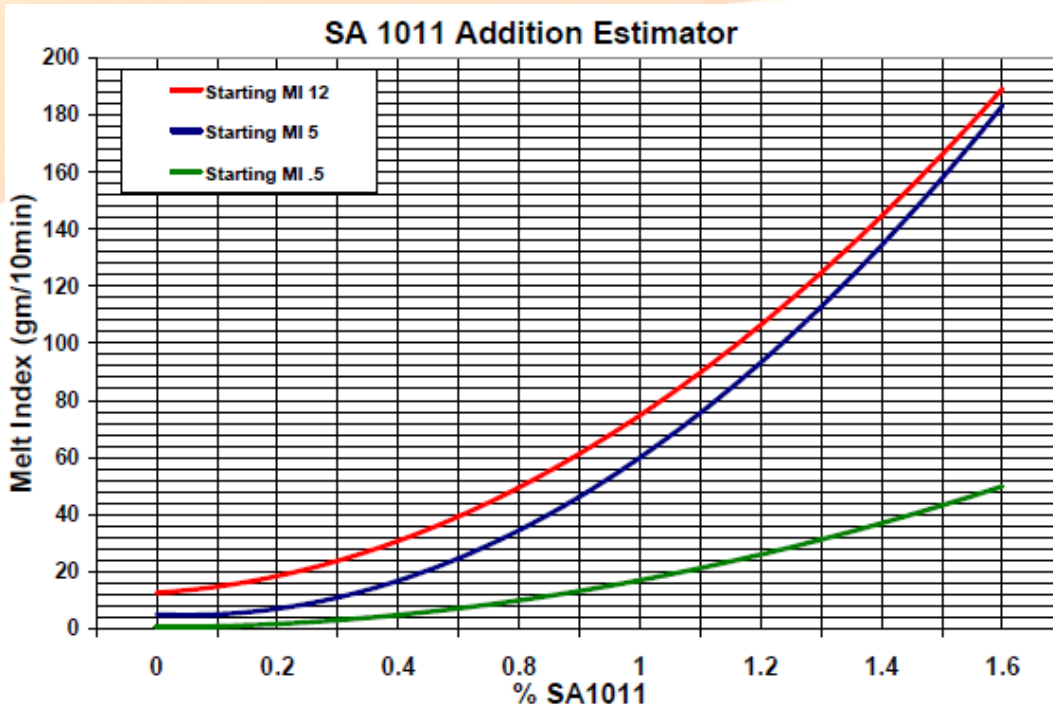
- Additive can be used during compounding or at molding machine.
- Compounders can take advantage of volume pricing by ordering only one specific melt index grade of polypropylene and adjusting for each customer's needs.
- Utilize waste streams of varying viscosities to make what ever viscosity is needed.

#### **TYPICAL PROPERTIES:**

|                    |   |
|--------------------|---|
| Appearance         | Off white pastille                                |
| Melting Point (°C) | 50 – 60   |
| Specific Gravity   | 1.01  |
| Storage Stability  | At least 2 years under normal storage conditions. |
| Packaging          | 55 lb. bag  |

#### **RECOMMENDATIONS FOR APPLICATION:**

STRUKTOL® SA 1011 is designed as a processing aid and mold release, and works especially well in polypropylene to modify viscosity. Use the chart below to obtain desired melt flow.



Imagine the Possibilities