

Trelleborg AEM Syntac® Eccolite® Ultra

Category :

Material Notes:

Eccolite® Ultra is a new generation syntactic foam plug assist material, a new thermoplastic compound developed in response to the needs of the thermoforming industry. Eccolite® is tough and robust, but also maintains the unique features and benefits of the other products in the Syntac® family. It is manufactured from a specially formulated thermoplastic resin and hollow glass microspheres. Unlike nylon-based materials Eccolite® Ultra boasts an exceptionally high temperature characteristic, maintaining its profile over extended operation cycle terms in service temperatures up to 392°F/200°C All information provided by Trelleborg Emerson & Cuming

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-AEM-Syntac-Eccolite-Ultra.php

Physical Properties	Metric	English	Comments
Density	0.737 g/cc	0.0266 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	
	@Temperature 220 °C	@Temperature 428 °F	
Compressive Strength	68.9 MPa	10000 psi	
Compressive Modulus	2.36 GPa	343 ksi	
Izod Impact, Unnotched	0.721 J/cm	1.35 ft-lb/in	

Thermal Properties	Metric	English	Comments
CTE, linear	30.6 µm/m-°C	17.0 µin/in-°F	
Specific Heat Capacity	1.46 J/g-°C	0.350 BTU/lb-°F	
Thermal Conductivity	0.156 W/m-K	1.08 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	200 °C	392 °F	

Descriptive Properties	Value	Comments
Color	White	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China