

AuroraGuard™ FA1020 SPS

Aurora Material Solutions, LLC - *Unspecified*

General Information

Product Description

Chemical Blowing Agent for PC other Engineered Plastics

Description:

- Metal Organic Compound

Technical Data:

- Percent of Active Blowing Agent: 45%
- Decomposition Temperature: 200 to 220°C
- Gas Yield of Concentrate: 36 ml/gm at 250°C

Properties:

- Dust Free Pellet
- Compatibility with many polymers: PC, PBT, PET, PC/PBT, ABS/PC, etc.
- Endothermic Decomposition
- No Plate Out on Screw and Mold
- Uniform Foam Structure
- FDA Compliant – indirect food additives in food packaging applications (21 CFR 174.5, 175.300 and 178.3297)
- GRAS Status

Application:

- Free Foam Extrusion
 - Foamed Sheet, Ribbon, Tubes and Profile
- Injection Molding
 - Sink and Weight Reduction

Recommended Use Levels:

- Free Foam Extrusion
 - 0.5% to 1.5%
- Injection Molding
 - 2.0% to 5.0%
- Anti-Sink Applications
 - Anti-sink 0.5% to 1.0%

Formerly known as Chemblend FA1020 SPS

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Masterbatch		
Agency Ratings	• FDA 21 CFR 174.5	• FDA 21 CFR 175.300	• FDA 21 CFR 178.3297
Forms	• Pellets		
Processing Method	• Foam Extrusion	• Injection Molding	

