

**AuroraGuard™ FFD0045**

 Aurora Material Solutions, LLC - *Unspecified*

## General Information

**Product Description**

Chemical Blowing Agent for PC, PBT and other High Temperature Engineered Plastics

Appearance:

- Whitish Granule

Description:

- 5-phenyl-tetrazole, polymer bound

Technical Data:

- Decomposition Temperature: 240°C
- Gas Yield at 250°C in relation to Blowing Agent: 130 ml/g
- Blowing Agent Content: 20%
- Bulk Density: 830 g/l

Properties:

- Handling and storage without risk
- Dust Free Dosage
- Direct Dosage (without predrying)
- Compatibility of components and decomposition products with PC, PET, PBT...
- No polymer degradation
- Effective gas: nitrogen

Application:

- Injection Molding, eliminate sink mark
- Injection Molding, structural foam and weight reduction
- Extrusion, profile, and sheet

Recommended Use Levels:

- Injection Molding
  - Anti-sink 0.25% to 0.5%
  - Structural foam and weight reduction 1.5% to 2.0%
  - Extrusion 1.0% to 2.0%

Formerly known as Chemblend FFD0045

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Masterbatch		
Appearance	• White		
Forms	• Granules		
Processing Method	• Extrusion	• Injection Molding	• Sheet Extrusion
	• Foam Injection Molding	• Profile Extrusion	

