



# Chemblend FFD0045

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

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