

2,5-furandicarboxylic acid (FDCA)

Revision Date 2023-02

Applications

Polymerisation monomer	Platform molecule
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General Information

Formula	C ₆ H ₄ O ₅
CAS Number	3238-40-2
Relative density	1.6
Molecular Weight	156.09

Specification

Appearance	White Powder
Purity (%)	≥99.8
Whiteness values	L*≥96, b*±1.0, a*≤1.5
Water (wt. %)	≤0.8
Boiling point (°C)	419
Melting point (°C)	>300
Flash point (°C)	≥207

Shipping Information

DOT Shipping Name	2,5-furandicarboxylic acid
DOT Hazard Classification	None-hazardous
Freight Classification	Not subject to IATA DGR

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