

Certificate of Analysis

Product Name: CARBOMAXX ® 100 [POLY (TRIMETHYLENE CARBONATE)]

Catalog # 5100

Product Lot Number: BB0306-194D

Product CAS Number: 31852-84-3

Linear Formula: (C₄H₆O₃)_n

Storage Temperature: Around -20°C

Quality Release Date: September 14, 2016

TEST	SPECIFICATION	RESULT
Appearance (Color)	Light yellow	Light yellow
Appearance (Form)	Amorphous chunks	Amorphous chunks
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	1.0 to 2.5 dL/g	1.23 dL/g
Residual Monomer by NMR	Max. 2.0 mole % TMC	Not detected
Polymer Composition by NMR	PTMC 98 - 100 (Mole %)	100%
Thermal Analysis (DSC)	Melting Point : Amorphous Glass Transition Temperature (T_g) -15±5°C	No melting T _g -17.5°C

Prepared by:



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Approved by:



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