

Certificate of Analysis

Product Name: CARBOMAXX® TL640 [TMC/L-Lactide 60/40 Copolymer]

Catalog # 5364

Product Lot Number: BB0306-197D

Linear Formula (C₆H₈O₄- C₄H₆O₃)_n

Storage Temperature: Around -20°C

Quality Release Date: October 28,2016

TEST	SPECIFICATION	RESULT
Appearance (Color)	Light yellow	Light yellow
Appearance (Form)	Amorphous sheet	Amorphous sheet
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	1.0 to 2.0 dL/g	1.12 dL/g
Residual Monomer by NMR	Max. 1.0 mole % TMC Max. 2.0 mole % Lactide	0.54% Not detected
Polymer Composition by NMR	PTMC 58 to 62 (Mole %) PLA 38 to 42 (Mole %)	59.6 % 40.5 %
Thermal Analysis (DSC)	Melting Point : Amorphous Glass Transition Temperature (T _g) 5 to 25 °C	No melting T _g 12.7°C

Prepared by:



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