

Certificate of Analysis

Product Name: CARBOMAXX® TC910

TMC/Caprolactone 90/10 Copolymer

Catalog # 5191

Product Lot Number: BB0307-275D

Linear Formula (C₄H₆O₃-C₆H₁₀O₂)_n

Storage Temperature: Around -20°C

Manufacturing Date: September 10, 2020

Quality Release Date: December 14, 2020

TEST	SPECIFICATION	RESULT
Appearance (Color)	Clear to Light yellow	Light yellow
Appearance (Form)	Amorphous chunks	Amorphous chunks
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	1.0 to 2.0 dL/g	1.63 dL/g
Residual Monomer by NMR	Max. 2.0 mole % TMC Max. 2.0 mole % CL	Not Detected Not Detected
Polymer Composition by NMR	PTMC 88 - 92 (Mole %) PCL 8 - 12 (Mole %)	88 % 12 %
Thermal Analysis (DSC)	Melting Point : Amorphous Glass Transition Temperature (T_g) (-30) to (-20) °C	No melting T _g -22.71°C

Prepared by:



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