



# RENU-950<sup>TM</sup>

Forming Grade Rigid

## Raw Material Specification Sheet

High Impact / Rigid Extrusion / Material Number RM#950

### Description

Rigid sheet consisting of an extrusion of Biopolymers including, but not limited to, Polylactic Acid. Produced as clear per order requirements.

### Application

Thermoforming applications for radiant and contact heaters. High impact resistance for cold or room temperature food products, and distribution such as form-fill-seal pasta, sliced meats and egg cartons.

### Capabilities and Put Ups

Gauge: 11 mil to 50 mil.

Width: 7 Inches to 56 inches +/- 1/16".

Core Sizes: 6 inches standard, 3 inches optional.

Roll O.D.'s: 12 inches to 48 inches.

Colors: Clear Standard, other colors are custom.

Silicone Coatings: 2% FDA Standard, one side or two sides.

### Performance Criteria

Characteristic	Test Method	Value/Description
Yield		Approximately 22,800 sq. in./mil/pound
Tensile Strength *	D638	MD-7,300 psi TD-6,500 psi
Impact Strength ~ Room Temp. *	Gardner	14.2 in-lb
Impact Strength ~ -30° F *	Gardner	11.0 in-lb
Opacity	D1003	>90%
Range Of Use (Time Dependant)		-40° F through 135° F
Thermoforming Range		210° F through 300° F
Surface	TM-FF 1	No holes in sheet of any size. No more than 10 craters, gels or carbon specks larger than 1mm per 3 sq. ft.

\* Tensile Strength and Impact Strength based on 16 mil sheet.

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1950 Pratt Blvd. • Elk Grove Village, IL 60007, USA • Phone: 847-439-8570 • Fax: 847-378-1304 • [www.clearlam.com](http://www.clearlam.com) Rev 2 (1/08/2010)

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