



## Auriga Polymers Inc.

# OxyClear<sup>®</sup> Resin 2510

## Copolymer Resin for Barrier Packaging

OxyClear<sup>®</sup> resin 2510 yields transparent monolayer barrier PET containers with glass-like clarity that exhibit an exceptional oxygen ingress barrier when combined with OxyClear<sup>®</sup> additive 3500 at the extruder of the injection machine.

Containers made with OxyClear<sup>®</sup> Barrier PET provide exceptional shelf life to oxygen sensitive beverages and foods, and are ideal for packaging, wine, juice, ketchup, sauces, milk and condiments. OxyClear<sup>®</sup> Barrier PET containers can be recycled with standard PET.

Containers made from OxyClear<sup>®</sup> resin 2510 and up to 6% OxyClear<sup>®</sup> additive 3500 are compliant with Federal Food, Drug, and Cosmetic Act for all food types at most processing conditions. For specific FDA clearances, please contact your sales representative.

Typical Properties	Specifications	Test Method
Intrinsic Viscosity	0.80 ± 0.02	Solution Viscosity*, **
Color L	80 ± 2.0	Hunter Colorimeter
Color b	0 ± 2.0	Hunter Colorimeter
Property	Typical Value	Test Method
Chip Size (g/100 chips)	1.5 to 2.0	
Bulk density (kg / m <sup>3</sup> )	800 minimum	Displacement Weight***
Melting Point	258° C maximum	DSC
Acetaldehyde Content	4 ppm maximum	Chromatography
Moisture Content (%)	0.25% weight maximum	Karl Fisher Titration
Fines (%)	0.05 (through 28 mesh)	Gravimetric Determination

\* Determined by conversion of solution viscosity to intrinsic viscosity using an empirical correlation developed by Auriga Polymers Inc. equivalent to ASTM method D-4603.

\*\* Auriga Polymers Inc. internal method

\*\*\* Not equivalent to bulk density found with fully packed, larger quantities

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