



Auriga Polymers Inc.

OxyClear[®] PET Resin 2512 Provisional

Copolymer Resin for Barrier Packaging

OxyClear[®] PET resin 2512 yields transparent monolayer barrier PET containers with glass-like clarity that exhibit an exceptional oxygen ingress barrier when combined with OxyClear[®] Additive 3500 at the extruder of the injection machine.

Containers made with OxyClear[®] 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[®] Barrier PET containers can be recycled with standard PET.

Containers made from OxyClear[®] PET resin 2512 and up to 6% OxyClear[®] 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.

| Property | Typical Value | Test Method |
|-------------------------------------|------------------|---------------------------|
| Intrinsic Viscosity | 0.76 ± 0.03 | Solution Viscosity*, ** |
| Color L* | 76 minimum | Hunter Colorimeter |
| Color b* | 0.5 ± 3.0 | Hunter Colorimeter |
| Chip Size (g/100 chips) | 1.5 to 2.0 | Visual** |
| Bulk density (kg / m ³) | 800 minimum | Displacement Weight*** |
| Melting Point (°C) | 258 maximum | DSC |
| Acetaldehyde Content (ppm) | 4 maximum | Chromatography |
| Moisture Content (wt %) | 0.25 maximum**** | Karl Fisher Titration |
| Fines (ppm) | 500 maximum | 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

**** As manufactured

OxyClear[®] is a registered trademark of Indorama Ventures PCL.

Disclaimer

This Product Data Sheet contains selected information about a specific Auriga Polymers Inc. product, or group of products. THIS PRODUCT DATA SHEET DOES NOT CONTAIN A COMPLETE STATEMENT OF, AND DOES NOT CONSTITUTE A REPRESENTATION, WARRANTY OR GUARANTY WITH REGARD TO, A PRODUCT'S CHARACTERISTICS, USES, QUALITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR THE SUITABILITY, SAFETY, EFFICACY, HAZARDS OR HEALTH EFFECTS OF THE PRODUCT, WHETHER USED SINGULARLY OR IN COMBINATION WITH ANY OTHER PRODUCT, EXCEPT TO THE EXTENT REQUIRED BY RELEVANT LAWS AND REGULATIONS. Purchasers and users of the product are responsible for determining if the product is suitable for the intended use and that their workers and the general public are advised of any risks resulting from such use. Nothing contained in this Product Data Sheet shall be construed to modify any of the commercial terms pursuant to which the product was sold by Auriga Polymers Inc. including, but not limited to, terms and conditions addressing each party's respective rights and obligations with regard to warranties, remedies and indemnification.