



Antek Madison Plastics Corp
100 Finchdene Sq
Scarborough, Ontario M1X 1C1
Phone: (416) 321-1170

TECHNICAL DATA SHEET

AMPET84

POLYETHYLENE TEREPHTHALATE RESIN
0.84 INTRINSIC VISCOSITY

PRODUCT DESCRIPTION

AMPET84 is a high-viscosity polyethylene terephthalate resin designed for applications requiring good clarity, strength, dimensional stability, and consistent processing.

The material has a nominal intrinsic viscosity of 0.84 dl/g and is suitable for blow molding, injection molding, and other applications requiring a bottle-grade virgin PET resin.

TYPICAL APPLICATIONS

- Beverage bottles
- Water bottles
- Food containers
- Personal-care packaging
- Household product containers
- Preforms
- Sheet extrusion
- Thermoformed packaging
- General-purpose clear PET products

REGULATORY STATUS

This material is designated as a virgin FDA PET grade in the supplied product documentation. The user is responsible for confirming that the finished article complies with all applicable food-contact, regulatory, and end-use requirements.

TYPICAL PROPERTIES

Property	Test Method	Typical Value
Intrinsic Viscosity	ASTM D5225	0.84 dl/g
Acetaldehyde Content	WN-B010-9013E	< 1 mg/kg
Color b Value	WN-B010-7136E	< 1.0
Color L Value	WN-B010-7136E	> 80.0
Carboxyl End Group Content	WN-B010-7013E	< 35 mol/t
Melting Point	WN-B010-7089E	> 240 °C
Dust Content	GB 17931-2003	<100 mg/kg
Moisture Content, as Supplied	GB 17931-2003	< 0.2 wt.%

PROCESSING RECOMMENDATIONS

Parameter	Recommended Range
Drying Temperature	320–350°F (160–177°C)
Drying Time	4 – 6 hours
Melt Temperature	500–545°F (260–285°C)
Mold Temperature	50–85°F (10–30°C), depending on application

PACKAGING

Available in bulk, gaylords, supersacks, and custom packaging configurations.

DISCLAIMER

The values reported herein are typical test results and are intended for reference purposes only; they should not be used as specification limits. It is the user's responsibility to determine the suitability of this product for the intended application. No warranties, express or implied, including merchantability or fitness for a particular purpose, are made regarding the product or its use.