



EKÖPET 84

Technical Datasheet

Product: Polyethylene Terephthalate (PET) Polymer

Property	Unit	Specifications	Test Method
Intrinsic Viscosity	dl/g	0,84 ± 0,02	ΦP.1.31.2014.16817 (Ubbelohde Viscometer)
Melting point	°C	246 ± 2	ΦP.1.32.2016.22914 (Differential Scanning Calorimeter)
Acetaldehyde content	ppm	1,0 Max	ΦP.1.31.2014.18719 (Gas Chromatograph)
Color	L*	82,0 Min	ΦP.1.31.2014.18720 (CIE Lab)
	b*	+ 1 Max	ΦP.1.31.2014.18720 (CIE Lab)
Moisture	wt %	0,2 Max	ΦP.1.31.2017.25929 (Coulometric Method)
Dust	ppm	100 Max	TY 20.16.40-001-13649021-2018 (Gravimetric Method)
Pellets weight	g/100 pcs	1,6 ± 0,2	TY 20.16.40-001-13649021-2018 (Gravimetric Method)

Description

EKÖPET 84 is a general purpose food grade PET copolymer. Suitable for water, carbonated water, alcoholic beverages, pharmaceuticals, oil, agrochemicals, other containers.

EKÖPET 84 resin is considered safe for food packaging applications based upon compliance with FDA regulation 21 CFR Section 177.1630, EC regulation 10/2011 and other similar food contact regulations.

Warranty

The manufacturer guarantees the compliance of the polyethylene terephthalate with the requirements of these technical specifications provided that the consumer observes the transportation and storage conditions.