

Thai PET Resin Co., Ltd.

MITSUI PET SA145T

One of the highest quality PET resins supplied by Thai PET Resin is SA145T. The basic chip physical properties of SA145T are listed below.

Items	Units	Typical Values	Methods
Basic Properties			
Intrinsic Viscosity	dl/g	0.86±0.02	Ubbelohde Viscometer
Density	kg/m ³	1,400	Density Gradient Tube
Thermal Properties			
Melting point	°C	247±2	Differential Scanning Calorimeter
Glass transition temperature	°C	80±2	Differential Scanning Calorimeter
Other Properties			
Color-L	-	75 min	Hunter Lab
Color-b	-	1 max	Hunter Lab
Acetaldehyde	ppm	1 max	Gas Chromatography (Head Space)
Bulk Density	kg/m ³	830	Gravimetric

Note : Figures shown here are typical values, not manufacturer's specifications.

Recommended Drying Temperature/Time : 160-170 °C and 4-7 hr.

Description

MITSUI PET SA145T is a high intrinsic viscosity copolymer resin which is suitably designed for CSD/Drinking water, Tea, Liquor, Soft drink, Edible oil, Cosmetics and Sheet applications.

For food applications, the resin is considered safe based upon compliance with the Japanese Ministry of Health, Labour and Welfare, Notification No.370, 1959.

The specialty resin offers good gas-barrier properties, and is tasteless and odorless, with high flavor retention and minimal flavor adsorption.

Warranty

Thai PET Resin warrants that its products will comply with the specifications and related regulatory compliance detailed in its publications. No other warranty, either expressed or implied regarding the suitability of the product for any particular purpose is made. The buyers are expected to make their own determination about the safety, health, environmental protection and suitability of use for their intended purposes. No warranty is made of the merchantability or fitness of any product and nothing herein waives any of the seller's conditions of sale.

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