

Grade	HOT
Resin Type	PET

General Information

Key Features

- Excellent processability, high transparency
- High-stress cracking resistance & strength
- Excellent thermal stability, recyclability and reusability

Applications

Thermal-resistant containers (for juice, tea, and drinks), mineral water container, extruded/injection products

Item	Measuring Method	Unit	Value
Intrinsic Viscosity	ASTM D4603	dl/g	0.80
Color L	ASTM D6290	-	88±4
Color b	ASTM D6290	-	-
Carboxyl End Group	LC METHOD	eq/ton	Max. 30.0
Diethylene Glycol	LC METHOD	wt%	Max. 1.5
Melting Point	ASTM D3418	°C	253±3
Chip Size	LC METHOD	g/100ea	1.5±0.2
		ea/g	-
Acetaldehyde	LC METHOD	wtppm	Max. 1.0
H ₂ O	LC METHOD	wtppm	Max. 2,000
Density	ASTM D1505	g/cm ³	1.40±0.01

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2022/04/11