

Grade	BIO
Resin Type	PET

General Information

Key Features PET resin (contains 30% bio content) produced by sugarcane-derived bio-MEG as raw material reduces CO₂ emissions by 28% compared to general products

Applications Soft drink and mineral water container, transparent sheets, packaging materials, other extrusion and injection products

Item	Measuring Method	Unit	Value
Intrinsic Viscosity	ASTM D4603	dl/g	0.80
Color L	ASTM D6290	-	Min. 80
Color b	ASTM D6290	-	Max. 1.0
Carboxyl End Group	LC METHOD	eq/ton	Max. 30.0
Diethylene Glycol	LC METHOD	wt%	Max. 1.5
Melting Point	ASTM D3418	°C	248±3
Chip Size	LC METHOD	g/100ea	-
		ea/g	69±3
Acetaldehyde	LC METHOD	wtppm	Max. 1.0
H ₂ O	LC METHOD	wtppm	Max. 1,000
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