

	<u>Physical Properties</u>	Date	2023.08.08
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LOTTE CHEMICAL PET ACE

PET COPOLYMER

General Information

Description

- LOTTE CHEMICAL PET ACE is the reheat-efficient PET resin.
- Increased productivity
- Excellent processability , high stress crack resistance and toughness
- Low acetaldehyde content

Applications

- ◆ Carbonated beverage bottles

Physical Properties¹

General Properties	Test Method	Nominal Values	
Intrinsic Viscosity	ASTM D4603	0.84	dl/g
Color L	ASTM D6290	70 Min	-
Color b	ASTM D6290	1.0 Max	-
Carboxyl End Group	LC METHOD	35.0 Max	eq/ton
Diethylene Glycol	LC METHOD	1.5 Max	wt%
Melting Point	ASTM D3418	245±3	°C
Chip Size	LC METHOD	1.5±0.2	g/100ea
		-	ea/g
Acetaldehyde	LC METHOD	1.0 Max	wtppm
H ₂ O	LC METHOD	2,000 Max	wtppm
Density	ASTM D1505	1.40±0.01	g/cm ³

Note

ISO 9001, 14001, /ITS 16949

¹ Physical Properties : these are not to be construed as specifications

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