

Product Information

www.polymett.com

General Description

CAS No. 25038-59-9

Featuring nonpoisonous, odourless, tasteless, and excellent transparency, high strength, perfect processability, our Polyester Chip has been widely used by a plenty of overseas customers, and becomes preferred material in the fields of water bottles, soft drink bottles, non-beverage bottles, and PET sheets.

Main Applications

PET CZ-302 is for packing bottles, like pure water, natural mineral water, distilled water, drinking water.

PET CZ-318 is for small-package edible oil bottles, liquor bottles, medicine bottles, cosmetics bottles, PET sheets.

PET CZ-333 is for hot-filling bottles, like tea drinks, fruit-juice drinks and other medium type drinks.

PET CZ-328 is for carbonated drinks bottles and 3-gallon, 5 gallon big bottles.

PET CZ-5022 is for making the terylene filament & terylene staple fiber, PET industry film and etc.

Packaging

1.05 MT per jumbo bag, 20 bags in one 20' FCL

Technical Data Sheet

Parameter	Unit	Grade				
		PET CZ-302	PET CZ-318	PET CZ-333	PET CZ-328	PET CZ-5022
I.V.	dL/g	0.80 ± 0.02	0.83 ± 0.02	0.80 ± 0.02	0.85 ± 0.02	0.64 ± 0.015
Crystallinity	%	≤ 60	≤ 60	≤ 60	≤ 60	--
Content of COOH	mol/t	≤ 26	≤ 26	≤ 26	≤ 26	≤ 30
Content of acetaldehyde	ppm	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	--
Color value	L	--	≥ 83	≥ 83	≥ 82	≥ 75
	B	--	≤ 1.0	≤ 1.0	≤ 1.0	4.0 ± 2.0
Dust content	ppm	≤ 100	≤ 100	≤ 100	≤ 100	30
Melting point	°C	243 ± 2	243 ± 2	250 ± 2	243 ± 2	259 ± 2
Wt. of 100 chips %	g	1.55 ± 0.10	1.55 ± 0.10	1.55 ± 0.10	1.55 ± 0.10	--
Water content	wt%	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.4

Series no.:
Data Updated:

PCL2009-25038599
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