



PET Pellets for Cosmetic Container (Type no. 3802, 3824, 390A, 663G)

Pellets characteristic

NanYa have developed Several type for different thickness cosmetic Container. Specially designed to have inhibited crystallization rate, which is suitable for thick parts with high brightness and free of crystalline-whiten.

Technical Data Sheet

Grade		3802	3824	390A	663G	Test method
Suitable thickness		<2mm	<5mm	<10mm	>10mm	--
Intrinsic Viscosity (dl/g)		0.800±0.02	0.830 ±0.02	0.845 ±0.02	0.635 ±0.02	ASTM D4603
Melting point(°C)		242 ± 3	238 ± 3	224± 3	無	ASTM D3418
Ash Content (%)		≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	Nanya Method
Moisture (%)		≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.10	Nanya Method
Bulk Density (g/cm ³)		0.89 ± 0.05	0.89 ± 0.05	0.89 ± 0.05	0.89 ± 0.05	JIS K-5101
Chip Size (Chip/2g)		130 ± 3	128 ± 3	130± 3	70± 3	Weight scale
Color	L	86.5 ± 2.0	88.0 ± 2.0	88.0 ± 2.0	70 ± 2.0	ASTM E1164
	b	-1.8 ± 1.0	-1.0 ± 1.0	0.0 ± 1.0	-1.0 ± 1.0	ASTM E1164

The Properties of cosmetic container

1. Light weight and shatter resistance.
2. Crystal clear creating elegance glass appearance.
3. Better UV/gas barrier
4. High chemical resistance.
5. Recycling and sustainability.



Processing Condition

- Processing Type :
Injection molding, Injection blow molding
- Drying conditions :
140~160 °C (2-4 hours) ; 663G-70°C (6~8 hours)
- Screw Temperature : 260~290 °C ; 663G-220~240 °C

Contact information

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