

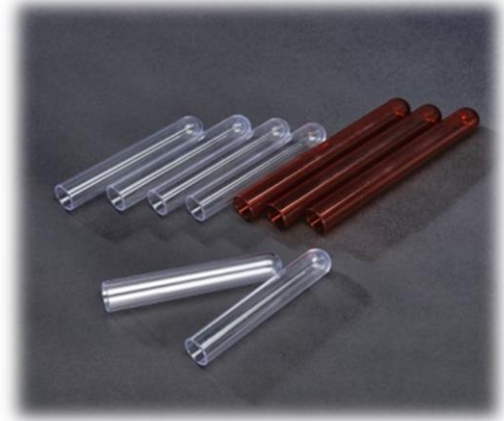


南亞塑膠工業股份有限公司
NAN YA PLASTICS CORPORATION

PET pellets for Blood collection tube Type No.3642

Characteristic

- High Melting flow
- High transparency
- Dimensional stability
- Pass ISO 10993-4 non-hemolytic test



Application

Blood collection tube

- Blood collection tube made by 3642 resin has excellent water and gas barrier properties and dimensional stability.
- No unfavorable conditions occur such as hemolysis and coagulation.



PET pellets Type No.3642 Properties			
Item	Units	Value	Test Method
Intrinsic Viscosity	dl/g	0.615 ± 0.02	ASTM D4603
Melting point	°C	245 ± 5	ASTM D3418
Moisture content	%	≤ 0.3	Oven
Acid Value	10 ⁻⁶ equ/g	30± 10	Titration Method
Pellet size	Chips/2g	130 ± 3	Weight scale
Fines	ppm	<100	Sieves
L	-	85.0 ± 2.0	ASTM E1164
b	-	-3.5 ±1.0	ASTM E1164

Processing conditions

1. Processing : injection molding
2. Drying condition: 140~160 °C (2-4 hours)
3. Screw temperature: 260~290 °C
4. Suggest to cooperate with NANYA lubricant masterbatch (3~5%) to achieve the best performance.

Contact information

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