

NAN YA PLASTICS CORPORATION

TAIRILIN Bottle Grade PET Resin

Type No: 384R

Nan Ya recycle PET bottles to produce GRS (Global Recycle Standard) and European Food Safety Authority (EFSA) certified rPET resin reducing negative impact to earth. Tairilin 384R resin is made from the recycled disposable PET bottles with nominal intrinsic viscosity of 0.84dl/g.

Tairilin 384R resin is produced in a state of the art continuous polymerization technology and is combined with a strict quality monitoring system. The production facilities producing 384R resin are approved by ISO9001, ISO14001 and OHSAS 18001 systems to confirm the outstanding quality.

Tairilin 384R resin conforms to FDA Regulation 177.1630, and is an environmental friendly product with the important advantage of being totally recyclable.

Technical Data Sheet

Items		Units	Value	Test Method
Intrinsic Viscosity		dl/g	0.84 ± 0.02	ASTM D4603
Melting temperature		°C	247 ± 3	ASTM D3418
Ash Content		%	≤ 0.02	Nan Ya Method
Moisture		%	≤ 0.30	Nan Ya Method
Acetaldehyde		ppm	≤ 1.0	Gas Chromatography
Acid value		10-6equ/g	30 ± 10	Titration Method
Bulk Density		g/cm ³	0.92 ± 0.05	JIS K-5101
Chip Size		chips/2g	86 ± 5	Weight scale
Fines		ppm	< 100	Nan Ya Method
Color	L Value	-	78.0 ± 2.0	JIS 2-8722
	b Value	-	2.5 ± 1.0	JIS 2-8722
Resin storage conditions at converter			Store PET bag in dry and clean warehouse. Consume PET resin within 1 year from packed date.	

(update on May 04, 2020)