

# Specification Sheet of Product

Product: Poly ethylene terephthalate (PET) Resin Bottle Grade

Model: FH-8088 IV. (dl/g)  $0.80\pm 0.015$  for Water Bottle

Property	Unit	Specification	Test Method
Intrinsic Viscosity	dl/g	$0.80\pm 0.015$	GB/T 17931
Acetaldehyde	ppm	< 1.0	GB/T 17931
Diethylene Glycol	%wt	$1.3\pm 0.2$	GB/T 17931
Color L	-	$\geq 82$	GB/T 17931
Color b	-	< 0	GB/T 17931
Carboxyl End Group	m mol/kg	$\leq 35$	GB/T 17931
Melting Point	°C	$245\pm 2$	GB/T 17931
Moisture Content	%wt	$\leq 0.05$	GB/T 17931
Weight per 100 chips	g	$1.60\pm 0.3$	GB/T 17931
Density	g/cm <sup>3</sup>	$1.395\pm 0.01$	GB/T 17931
Ash	%wt	$\leq 0.03$	GB/T 17931

## Product Usage:

FH-8088 water bottle PET resin suitable for purified water bottle, mineral water bottle, distilled water bottle, candy jar, spice jar, food box, fruit box, PET sheet etc.

FH-8088 water bottle PET resin features low AA, optimal color value, stable IV, excellent processing performance including high pass-rate production, high efficiency, low processing temperature, wide processing range, less degradation rate, high transparency.

Note: IV value deviation of test result between standard of Chinese GB/T 17931 and ASTM D4603.