



Wankai PET bottle grade WK-811

© Polyethylene Terephthalate (PET) WK-811 for hot filled grade

"WANKAI" Brand "WK-811" PET resin bottle grade is TPA-based polyethylene terephthalic homopolymer. It is characterized by its property of thermal resistance, and is designed specially for hot-filling bottles like tea, fruit-juice and other drinks required to be hot filled for sterilization.

Parameter	Unit	Value	Limits
Intrinsic Viscosity (Foreign Trade)(I.V.)	dl/g	0.80	± 0.02
Acetaldehyde Content	ppm	1	Max
Color (L-value)	--	83	Min
Color (B-value)	--	-0.5	Max
Melting point	°C	249	± 2
Moisture Content	wt%	0.2	Max

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

Drying

Drying is necessary prior to the melt processing to prevent the resin from hydrolysis. Typical drying conditions are an air temperature of 160-180°C, 4-6 hours residence time.