

PAPET TB-380

Polyethylene Terephthalate

Lotte Chemical Corporation

Message:

TB-380 can be applied to a wide range of packaging products.

Excellent processability and high stress crack resistance

Good thermal stability and low acetaldehyde content

General Information			
Features	Copolymer		
	Good Processability		
	Good Thermal Stability		
	High ESCR (Stress Crack Resist.)		
Uses	Bottles		
	Containers		
	Cosmetic Packaging		
	Household Goods		
	Packaging		
	Sheet		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.39 to 1.41	g/cm ³	ASTM D1505
Acetaldehyde	< 1.0	ppm	WI-QS-S07
Color b	< 1.00		ASTM D6290
Color L	> 80.0		ASTM D6290
Intrinsic Viscosity	0.78 to 0.82	dl/g	ASTM D4603
Carboxyl End Groups	< 30.0	eq/ton	WI-QS-S03
Chip Size - L x Diameter	3.0 x 2.5	mm	Internal Method
Diethylene Glycol	< 1.5	wt%	WI-QS-S04
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	245 to 251	°C	ASTM D3418

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