

PAPET COOL

Polyethylene Terephthalate

Lotte Chemical Corporation

Message:

PAPET COOL can be applied to a wide range of packaging products.

Excellent processability and optical clarity

High stress crack resistance and toughness

Good thermal stability and low acetaldehyde content

General Information	
Features	Copolymer
	Good Processability
	Good Thermal Stability
	Good Toughness
	High Clarity
	High ESCR (Stress Crack Resist.)
Uses	Bottles
	Packaging

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	81.0 to 89.0		ASTM D6290
Intrinsic Viscosity	0.74 to 0.84	dl/g	ASTM D4603
Carboxyl End Groups	< 30.0	eq/ton	WI-QS-S03
Chip Size	1.30 to 1.70	g/100 pellets	WI-QS-S06
Diethylene Glycol	< 1.5	wt%	WI-QS-S04
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	242 to 248	°C	ASTM D3418

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