

# PAPET HOT

Polyethylene Terephthalate

Lotte Chemical Corporation

## Message:

PAPET HOT is Homo-PET Resin.

Excellent optical clarity

High stress crack resistance and toughness

Good thermal stability

General Information			
Features	Good Thermal Stability		
	Good Toughness		
	High Clarity		
	High ESCR (Stress Crack Resist.)		
	Homopolymer		
Uses	Bottles		
Physical	Nominal Value	Unit	Test Method
Density	1.39 to 1.41	g/cm <sup>3</sup>	ASTM D1505
Acetaldehyde	< 1.0	ppm	WI-QS-S07
Color b	0.300		ASTM D6290
Color L	> 80.0		ASTM D6290
Intrinsic Viscosity	0.76 to 0.80	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	250 to 256	°C	ASTM D3418

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## Recommended distributors for this material

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