

rPET iSS01G

Recycled Polyethylene Terephthalate iSS01G

TECHNICAL DATASHEET

Product Description

rPET iSS01G is the reheat-efficient PET resin.

- Good Processability
- Low acetaldehyde content
- Uses: Hot fill/ warm fill bottles, jars
- Application: Injection and injection stretch blow molding.

Property	Test method	Value	Unit
Physical			
Intrinsic Viscosity (IV)	ASTM D1238	0.8 ± 0.02	dl/g
Bulk density	Internal method	≥ 800	kg/m ³
Pellet shape	Internal method	oval	
Pellet weight	Internal method	1.5 ± 0.5	g/100pellets
Thermal			
Melt Temperature	ASTM D3418	245 ± 5	°C
Other (visual, odor)			
Color	Visual inspection	Light blue	
	Spectrophotometer	L= 71 ± 3	
	Spectrophotometer	b = - 4 ± 2	
Acetaldehyde	HS GC/MS	≤ 1	ppm
Regulatory			
Food contact approval	US FDA 21 CFR Part 177.1630, EN 10/2011, QCVN 12-1:2011 BYT		
Contains no substance on the REACH 223 SVHC list			

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DUY TAN PLASTIC RECYCLING CO. LTD.

Lot D2, Duc Hoa Ha Plastics Industrial Clusters,
 Duc Hoa Ha Commune, Duc Hoa District 850000,
 Long An Province, Vietnam.

Email: info@duytanrecycling.com
 Website: www.duytanrecycling.com
 Tel: (+84) 272.377.9920