

rPET WSS01

Recycled Polyethylene Terephthalate



DUY TAN PLASTIC RECYCLING COMPANY LIMITED

TECHNICAL SPECIFICATION

Product Description:

rPET WSS01 is the reheat-efficient PET resin.

- Good Processability
- Low acetaldehyde content
- Uses: Bottles/Jars
- Application: Injection and injection stretch blow moulding.

Property	Test method	Value	Unit
Physical			
Intrinsic Viscosity (IV)	ASTM D4603	0.78 ± 0.02	dl/g
Bulk density	Internal method	940 ± 30	kg/m ³
Moisture content	Moisture analyzer	0.1 ± 0.02	%
Pellet shape	Internal method	oval	
Pellet weight	Internal method	2.11 ± 0.14	g/100pellets
Thermal			
Melt Temperature	ASTM D3418	252 ± 5	°C
Other (visual, odor)			
Color	Visual inspection	Opaque White	
	Spectrophotometer	L= 75 ± 2	
	Spectrophotometer	b < 4	
Acetaldehyde	GC/MS-HS	ND	LOD: 1 ppm
Limonene	GC/MS-HS	ND	LOD: 20 ppb
Benzene	GC/MS-HS	ND	LOD: 50 ppb
Regulatory			
Food contact approval	FDA		
Contains no substance on the REACH 211 SVHC list			

Contact:

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