

DSR TLE-101

Polyethylene Terephthalate

Dragon Special Resin (Xiamen) Co., Ltd.

Message:

Characteristics: odor-free, non-toxic, high transparency, high strength and air-tightness, light weight and easy transportability, uniform size, stable viscosity, excellent processing ability and high product yield. In particular, the products fully conform to international standards for food-grade usages due to their low heavy metal, acetaldehyde and ash contents. These products are ideal 'green' materials for beverage bottle and food packaging.

General Information			
Features	Good Processability		
	High Clarity		
	High Strength		
	Low to No Odor		
	Non-Toxic		
Uses	Bottles		
	Non-specific Food Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Acetaldehyde	< 1.0	ppm	
Ash Content	< 0.0800		
Color b	< 0.00		
Color L	> 80.0		
Crystallinity	> 45	%	
Intrinsic Viscosity	0.78 to 0.82	dl/g	ASTM D4603
Water Content	< 0.40	%	
Carboxyl End Groups	< 35.0	mol/t	
DEG Content	1.1 to 1.5	%	
Dust	< 100	mg/kg	
Impurities ¹	NIL		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	> 245	°C	DSC
NOTE			
1.	pellet/500g		

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Recommended distributors for this material

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