

Technical Data Sheet

Food Grade PCR PET Regranulate Transparent

Product Code: 000601



Applications	
Personal care bottles	Drinking water bottles
PET sheets	Thermal forming boxes

Certification	
FDA	GRS
BPA free	

Physical Properties	Value	Units	Test Method	Note
Inherent Viscosity (IV)	0.83	dl/g	ISO1628-5	
Melting Point	250±5	°C	ASTM D3418	DSC
Color				
L Value	>70	/	ASTM D6290	
a Value	-4 ~ to 0	/		
b Value	-3 ~ to -1	/		
Mesh size	20	µm	NA	
DEG Content	1.3	%	GB/T 14190-2017	
COOH Content	35	mol/t	GB/T 14190-2017	
Black Dots (>1mm)	0	%	Internal	Mesh Size: 25

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				µm
Black Dots (0.5-1mm)	≤3	%	Internal	Mesh Size: 25 µm
Black Dots (0.2-0.5mm)	≤5	%	Internal	Mesh Size: 25 µm
Hundred-grain Weight	≈1.6	g	Internal	
Moisture Content	≤0.2	%	GB/T 14190-2017	
Ash Content	≤0.05	%	GB/T 14190-2017	
Metal Content	≤5	mg/kg	GB/T 14190-2017	
Powder Content	<50	mg/kg	GB/T 14190-2017	

Compliance

FDA	EU10/2011
REACH (240 SVHC)	RoHS Directive (EU) 2011/65

Typical Processing Information

1. Pellets need to be dried at 170 °C for 5 - 6 hours before use.
2. Make sure to adjust the molding parameters according to your machine, mold and other product requirements.

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