

# Electroblend® PBT-1901

Polybutylene Terephthalate

Colour Image Plastic Compound Sdn. Bhd. (CIPC)

## Message:

Electroblend® PBT-1901 is a glass fiber reinforced antistatic polybutylene terephthalate compound characterized by high mechanical with lower shrinkage properties.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Antistatic		
Features	Antistatic		
	Low Shrinkage		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Industrial Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.51	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	85.0	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	7200	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+6 to 1.0E+8	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0 to 6.0	hr	
Rear Temperature	240 to 245	°C	
Middle Temperature	245 to 250	°C	
Front Temperature	250 to 255	°C	
Nozzle Temperature	255 to 260	°C	

Processing (Melt) Temp	240 to 260	°C
Mold Temperature	80.0 to 100	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

