

ColorFast® PBA2000

Acrylonitrile Butadiene Styrene + PBT

LTL Color Compounders, Inc.

Message:

Flame-retarded V0-rated PBT/ABS alloy

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	42.1	MPa	
Break	39.3	MPa	
Tensile Elongation ² (Break)	13	%	ASTM D638
Flexural Modulus ³	2210	MPa	ASTM D790
Flexural Strength ⁴	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (1.30 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	85.0	°C	
Drying Time	3.0 to 4.0	hr	
Drying Time, Maximum	8.0	hr	
Suggested Shot Size	40 to 60	%	
Rear Temperature	204 to 238	°C	
Middle Temperature	210 to 232	°C	
Front Temperature	221 to 254	°C	
Nozzle Temperature	216 to 249	°C	
Processing (Melt) Temp	221 to 254	°C	
Mold Temperature	10.0 to 71.1	°C	
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	40 to 70	rpm	
Vent Depth	0.025 to 0.076	mm	
NOTE			
1.	51 mm/min		

2.	51 mm/min
3.	51 mm/min
4.	51 mm/min

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



WECHAT