

GPPC ABS D-1000

Acrylonitrile Butadiene Styrene

GPPC Chemical Co., Ltd.

Message:

GPPC ABS D-1000 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of GPPC ABS D-1000 are:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Flame Retardant

General Information			
UL YellowCard	E88637-252421		
Additive	Flame Retardant		
Features	Flame Retardant		
Agency Ratings	CSA LS103112		
	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
UL File Number	E88637		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			
200°C/5.0 kg	6.0	g/10 min	ASTM D1238
220°C/10.0 kg	58	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (3.18 mm)	42.2	MPa	ASTM D638
Flexural Modulus ² (3.18 mm)	2350	MPa	ASTM D790
Flexural Strength ³ (3.18 mm)	68.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	220	J/m	
6.35 mm	180	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	81.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.59 mm	V-0		

3.18 mm	5VA	
Injection	Nominal Value	Unit
Drying Temperature	75.0 to 85.0	°C
Processing (Melt) Temp	180 to 210	°C
Mold Temperature	40.0 to 80.0	°C
NOTE		
1.	50 mm/min	
2.	15 mm/min	
3.	15 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

