

Loyblend® TA-1200

Polycarbonate + ABS

Colour Image Plastic Compound Sdn. Bhd. (CIPC)

Message:

Loyblend® TA-1200 is a general purpose PC/ABS polymer alloy. This grade features good impact and chemical resistance, good low temperature ductility with ease of processability.

General Information			
Features	Ductile		
	General Purpose		
	Good Chemical Resistance		
	Good Impact Resistance		
	Good Processability		
Uses	Appliances		
	Automotive Applications		
	Business Equipment		
	Electrical/Electronic Applications		
	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.55 to 0.75	%	ASTM D955
Water Absorption (24 hr)	0.10	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2850	MPa	ASTM D638
Tensile Strength	56.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2250	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	650	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 4.00 mm)	98.0	°C	ASTM D648
Flammability	Nominal Value		Test Method

Flame Rating (1.60 mm)	HB	UL 94
Injection	Nominal Value	Unit
Drying Temperature	80.0 to 90.0	°C
Drying Time	4.0 to 6.0	hr
Rear Temperature	210 to 245	°C
Middle Temperature	220 to 250	°C
Front Temperature	225 to 260	°C
Nozzle Temperature	230 to 260	°C
Mold Temperature	50.0 to 90.0	°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

