

TAIRILOY AC3250

Polycarbonate + ABS
Formosa Plastics Corporation

Message:
FCFC PC/ABS resin AC3250 meets the requirements of UL, SGS and the certificates of environmental protection.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
UL File Number	E162823		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.31	g/cm ³	ASTM D792
23°C	1.31	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	18	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage - Flow (3.20 mm)	0.30 - 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
Class R, 23°C	117		ASTM D785
R scale, 23°C	117		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	63.0	MPa	ASTM D638, ISO 527-2
Flexural Modulus (23°C)	4050	MPa	ASTM D790, ISO 178
Flexural Strength (23°C)	110	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ISO 180, ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	1200	J/m	ISO 180, ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	92.0	°C	ASTM D648, ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.20 mm, All Colors	V-0		UL 94
	V-0		
2.00 mm, All Colors	5VB		UL 94

3.00 mm, All Colors

5VA

UL 94

Injection	Nominal Value	Unit
Drying Temperature	80.0 - 90.0	°C
Drying Time	3.0 - 4.0	hr
Suggested Max Moisture	0.020	%
Hopper Temperature	60.0 - 80.0	°C
Rear Temperature	200 - 230	°C
Middle Temperature	220 - 250	°C
Front Temperature	230 - 260	°C
Processing (Melt) Temp	230 - 260	°C
Mold Temperature	50.0 - 70.0	°C
Back Pressure	0.345 - 0.689	MPa

Injection instructions

Die Temperature: 220 to 250°C Injection Volume: 30 to 80% of injection machine's capacity

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

