

Anjacom® 055/80-GF20 Black 91210

Polycarbonate + ABS

Almaak International GmbH

Message:

Anjacom® 055/80-GF20 Black 91210 is a Polycarbonate + ABS (PC+ABS) material filled with 20% glass fiber. It is available in Europe for injection molding. Primary attribute of Anjacom® 055/80-GF20 Black 91210: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.25	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	20.0	cm ³ /10min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.20 to 0.50	%	
Flow	0.30 to 0.60	%	
Water Absorption			ISO 62
23°C, 24 hr	0.60	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6300	MPa	ISO 527-2/1
Tensile Stress (Break)	105	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.0	kJ/m ²	
23°C	8.5	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	34	kJ/m ²	
23°C	35	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	133	°C	ISO 75-2/B
1.8 MPa, Unannealed	122	°C	ISO 75-2/A
Vicat Softening Temperature	135	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	95.0	°C	

Drying Time	2.0 to 5.0	hr
Suggested Max Moisture	0.020	%
Processing (Melt) Temp	250 to 280	°C
Mold Temperature	60.0 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

