

Anjacom® R050/7020 Black 91000

Polycarbonate + ABS
Almaak International GmbH

Message:

Anjacom® R050/7020 Black 91000 is a Polycarbonate + ABS (PC+ABS) material. It is available in Europe for injection molding. Primary attribute of Anjacom® R050/7020 Black 91000: Flame Rated.

General Information			
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.09	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	12.0	cm³/10min	ISO 1133
Molding Shrinkage	ISO 294-4		
Across Flow	0.50 to 0.60	%	
Flow	0.50 to 0.60	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1
Tensile Stress (Yield)	45.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	35	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	113	°C	ISO 75-2/B
1.8 MPa, Unannealed	93.0	°C	ISO 75-2/A
Vicat Softening Temperature	105	°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	0.10	%	
Processing (Melt) Temp	240 to 270	°C	
Mold Temperature	60.0 to 80.0	°C	

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