

Anjacom® R050/65S

Polycarbonate + ABS
Almaak International GmbH

Message:

Anjacom® R050/65S is a Polycarbonate + ABS (PC+ABS) material. It is available in Europe. Primary attribute of Anjacom® R050/65S: Flame Rated.

General Information			
Features	Good Flow		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	25.0	cm³/10min	ISO 1133
Molding Shrinkage	ISO 294-4		
Across Flow	0.50 to 0.70	%	
Flow	0.50 to 0.70	%	
Water Absorption	ISO 62		
23°C, 24 hr	0.70	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2/1
Tensile Stress (Yield)	55.0	MPa	ISO 527-2/50
Tensile Strain (Break)	5.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	45	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 (1.8 MPa, Unannealed)	105	°C	ISO 75-2/A
Vicat Softening Temperature	123	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	2.0 to 5.0	hr	
Suggested Max Moisture	0.020 to 0.050	%	
Processing (Melt) Temp	240 to 280	°C	
Mold Temperature	70.0 to 100	°C	

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