

Anjacom® R050/75K

Polycarbonate + ABS
Almaak International GmbH

Message:

Anjacom® R050/75K is a Polycarbonate + ABS (PC+ABS) material. It is available in Europe.
Important attributes of Anjacom® R050/75K are:
Flame Rated
Impact Resistant

General Information			
Features	Low Temperature Impact Resistance		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	25.0	cm³/10min	ISO 1133
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	2100	MPa	ISO 527-2/1
Tensile Stress (Yield)	55.0	MPa	ISO 527-2/50
Tensile Strain (Break)	6.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	35	kJ/m²	
23°C	45	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	108	°C	ISO 75-2/A
Vicat Softening Temperature	128	°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	240 to 290	°C	
Mold Temperature	70.0 to 100	°C	

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Recommended distributors for this material

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