

Anjacom® R100V

Polycarbonate
Almaak International GmbH

Message:

Anjacom® R100V is a Polycarbonate (PC) material. It is available in Europe for injection molding.
Important attributes of Anjacom® R100V are:
Flame Rated
Medium Viscosity

General Information			
Features	Medium-low Viscosity		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.20	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	22.0	cm³/10min	ISO 1133
Water Absorption			ISO 62
23°C, 24 hr	0.32	%	
Equilibrium, 23°C, 50% RH	0.15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 1600	MPa	ISO 527-2/1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	> 80	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	148	°C	DSC
Vicat Softening Temperature	137	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	V-2		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	2.0 to 5.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	280 to 320	°C	
Mold Temperature	85.0 to 120	°C	

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Recommended distributors for this material

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