

TECHNYL® A 117 V33 BLACK 61 LP

Polyamide 66
Solvay Engineering Plastics

Message:

TECHNYL® A 117 V33 BLACK 61 LP is a Polyamide 66 (Nylon 66) material filled with 33% glass fiber. It is available in Latin America for injection molding. Important attributes of TECHNYL® A 117 V33 BLACK 61 LP are:
Good Aesthetics
Good Dimensional Stability

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Good Dimensional Stability		
	Good Flow		
	Good Surface Finish		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.39	g/cm³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	8880	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	177	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.6	%	ISO 527-2
Flexural Modulus (23°C)	7930	MPa	ISO 178
Flexural Stress (23°C)	245	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	57	kJ/m²	ISO 179
Notched Izod Impact Strength (23°C)	6.6	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	268	°C	ISO 3146
Injection	Nominal Value	Unit	
Rear Temperature	250 to 270	°C	
Middle Temperature	255 to 280	°C	
Front Temperature	260 to 285	°C	
Nozzle Temperature	250 to 285	°C	
Mold Temperature	60.0 to 80.0	°C	

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Recommended distributors for this material

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