

VisiJet® M5-Black

Unspecified

3D Systems

Message:

VisiJet M5 Black is a strong, flexible material that makes sleek black parts. VisiJet M5 Black can be used to make functional parts for extended use and testing. With the ProJet 5000's large build volume, large panels and housings can be printed with ease. The material's flexibility allows for easy assembly and snap-fit applications. Its black color makes it ideal for electronics, plastic automotive components, and chic black appliances.

General Information			
Features	Good Flexibility		
	High Strength		
	Pleasing Surface Appearance		
Uses	Appliance Components		
	Appliances		
	Automotive Applications		
	Electrical/Electronic Applications		
	Engineering Parts		
	Housings		
	Industrial Parts		
	Prototyping		
Appearance	Black		
Processing Method	3D Printing, Jetted Photopolymer		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.02	g/cm ³	ASTM D4164
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1560	MPa	ASTM D638
Tensile Strength	32.8	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Strength	43.8	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	54.0	°C	ASTM D648
NOTE			
1.	Liquid @ 80 °C		

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Recommended distributors for this material

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