

# Rilsan® BMV0 P10

Polyamide 11

Arkema

Message:

Rilsan® BMV0 P10 is a Polyamide 11 (Nylon 11) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Eco-Friendly/Green

High Viscosity

Plasticized

General Information			
Features	High Viscosity		
	Plasticized		
	Renewable Resource Content		
Appearance	Natural Color		
Forms	Pellets		
	Powder		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Water Absorption			ASTM D570
24 hr	0.30	%	
Saturation	1.1	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate, 23°C)	68.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	360	%	ASTM D638
Flexural Modulus - Tangent (23°C)	662	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	21	J/m	
23°C	110	J/m	
80°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	42.2	°C	ASTM D648
Melting Temperature	186	°C	

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Recommended distributors for this material

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