Rilsan® BESNO P10 TL

Polyamide 11

Arkema

Message:

Rilsan®BESNO P10 TL is a polyamide 11 (nylon 11) product. It can be processed by blow molding, pipeline extrusion molding or extrusion, and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Rilsan®The application areas of BESNO P10 TL include water pipes/pipes/drinking water, bags/linings, electrical appliances, construction applications and the automotive industry.
Features include:
chemical resistance
Wear-resistant
environmental protection/green
Rapid Prototyping Cycle
Good UV resistance

General Information	
Additive	heat stabilizer
	UV stabilizer
Features	Plasticized
	Solvent resistance
	Impact resistance, good
	Good UV resistance
	Updatable resources
	Fast molding cycle
	Good wear resistance
	Good chemical resistance
	alkali resistance
	Good wear resistance
	Heat resistance, high
	acid resistance
	Hydrocarbon resistance
	Thermal Stability
	Medium viscosity
Uses	Lining
	Electrical appliances
	Pipe
	Piping system
	Architectural application field
	Application in Automobile Field
	Coating application
Agency Ratings	NSF 61

Appearance	Natural color
Forms	Powder Particle
Processing Method	Blow molding Pipeline extrusion molding Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
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 (23°C)	627	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-40°C	21	J/m	ASTM D256
23°C	150	J/m	ASTM D256
Unnotched Izod Impact			ASTM D256
-40°C	No Break		ASTM D256
23°C	No Break		ASTM D256
Thermal	**Nominal Value**	**Unit**	
Melting Temperature	186	°C	

Additional Information

Tensile Strength, ASTM D638, Ultimate, 176°F: 9,400 psiTensile Strength, ASTM D638, Ultimate, -40°F: 11,000 psiTensile Elongation, ASTM D638, Ultimate, 176°F: 410 %Tensile Elongation, ASTM D638, Ultimate, -40°F: 160 %Flexural Modulus, ASTM D638, 176°F: 33,000 psiFlexural Modulus, ASTM D638, -40°F: 270,000 psi

Recommended distributors for this material

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