

# Rilsan® AESNO P20 TL

Polyamide 12

Arkema

Message:

Rilsan® AESNO P20 TL is a Polyamide 12 (Nylon 12) product. It can be processed by blow molding or extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.

Characteristics include:

- Good UV Resistance
- Heat Stabilizer
- Medium Viscosity
- Plasticized
- UV Stabilized

General Information			
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good UV Resistance		
	Heat Stabilized		
	Medium Viscosity		
	Plasticized		
Appearance	Natural Color		
Forms	Pellets		
	Powder		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm <sup>3</sup>	ASTM D792
Water Absorption			ASTM D570
24 hr	0.30	%	
Saturation	0.70	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	68.9	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Flexural Modulus	517	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256

-40°C	32	J/m	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	50.6	°C	ASTM D648
Melting Temperature	174	°C	

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#### Recommended distributors for this material

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