

# RILSAMID®

## AESN BLACK P201 TL

ISO 16396 - PA12-HIP, EGHL, C22-007

Rilsamid® AESN BLACK P201 TL resin is a black colored polyamide 12.

This grade is plasticized and designed for tube extrusion.

Rilsamid® AESN BLACK P201 TL resin falls into the PA12-PHLY category according to DIN 73378.

特性	乾燥/調湿	単位	テスト基準
レオロジー特性			
メルトボリュームレイト	5 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
荷重	5 / *	kg	-
	11 / *	lb	-
機械的特性			
引張弾性率	- / 540	MPa	ISO 527-1/-2
	- / 78300	psi	
降伏応力	- / 30	MPa	ISO 527-1/-2
	- / 4350	psi	
降伏ひずみ	- / 22	%	ISO 527-1/-2
破壊呼びひずみ	- / >50	%	ISO 527-1/-2
ショア硬さD, 15 s	64 / *	-	ISO 868
シャルピー衝撃強さ, +23°C	- / 未破壊	kJ/m²	ISO 179/1eU
シャルピー衝撃強さ, -30°C	- / 未破壊	kJ/m²	ISO 179/1eU
ノッチ付きシャルピー衝撃強さ, +23°C	- / 未破壊	kJ/m²	ISO 179/1eA
ノッチ付きシャルピー衝撃強さ, -30°C	- / 7	kJ/m²	ISO 179/1eA
	- / 3.33	ftlb/in²	
熱的特性			
溶融温度, 10°C/min	176 / *	°C	ISO 11357-1/-3
その他の特性			
密度	1010 / 1010	kg/m³	ISO 1183
	1.01 / 1.01	g/cm³	

Main applications:

- Air brake
- Tubing for use in motor vehicles

Packaging:

This material is delivered in sealed packaging (800 kg rigid containers) ready to be processed.

Shelf life:

Two years from date of delivery. For any use above this limit, please refer to our technical services.

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Source: automatically generated TDS from Material Database on 20-02-2024

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### Processing conditions:

- Typical melt temperature: (Min / Recommended / Max): 230°C / 250 °C / 270 °C
- Drying time and temperature (only necessary if containers opened for more than two hours): 4 - 6 hours at 80°C

成形加工法	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com  Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
異形押出成形, その他の押出成形	
納入形状	
ペレット	
添加剤	
滑剤, 可塑剤	
特殊な特性	
熱安定化, 光安定化	
領域別の利用可能性	
北アメリカ, ヨーロッパ, アジア/太平洋地域, 南・中央アメリカ, 近東/アフリカ	

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