

# RILSAMID®

## AESN BLACK P302 TL

PA12-HIP, EHL, 22-004

Rilsamid® AESN BLACK P302 TL 수지 는 블랙 폴리아미드 12입니다. 이 등급은 가소화되었으며 튜브 압출용으로 설계되었습니다.

DIN 73378에 따라 Rilsamid® AESN BLACK P302 TL 수지 는 PA12-HIPHL 범주에 속합니다.

물성들이	건조/응축	단위	시험규격
<b>유변학적 특성</b>			
응용 부피 - 흐름 속도	18 / *	cm³/10min	ISO 1133
온도	235 / *	°C	-
	455 / *	°F	-
하중	5 / *	kg	-
	11 / *	lb	-
<b>기계적 특성</b>			
인장탄성률	- / 400	MPa	ISO 527-1/-2
	- / 58000	psi	
항복강도	- / 25	MPa	ISO 527-1/-2
	- / 3630	psi	
항복변형률	- / 26	%	ISO 527-1/-2
파단시 평균신율	- / >50	%	ISO 527-1/-2
차피 충격 강도, +23°C	- / 휴식 없음	kJ/m²	ISO 179/1eU
차피 충격 강도, -30°C	- / 휴식 없음	kJ/m²	ISO 179/1eU
차피 노치드 충격 강도, +23°C	- / 휴식 없음	kJ/m²	ISO 179/1eA
차피 노치드 충격 강도, -30°C	- / 6	kJ/m²	ISO 179/1eA
	- / 2.85	ftlb/in²	
<b>열적 특성</b>			
녹는점, 10°C/min	172 / *	°C	ISO 11357-1/-3
<b>기타 특성</b>			
밀도	1030 / 1030	kg/m³	ISO 1183
	1.03 / 1.03	g/cm³	

Main applications:

Air brake.

Tubing for use in motor vehicles

Packaging:

This grade is delivered dried in sealed packaging (25 kg bags / 550 kg rigid containers) ready to be processed.

Shelf life:

Two years from the 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 for extrusion :

- Typical melt temperature (Min / Recommended / Max) : 200°C / 220°C / 240°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80°C.

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<p><b>인도 유형</b></p> <p>펠렛 (입자,알갱이)</p>	
<p><b>부가물</b></p> <p>윤활제, 가소제</p>	
<p><b>특별 특성</b></p> <p>열안정성, 가시광선 안정성</p>	
<p><b>지역별 검색</b></p> <p>북아메리카 , 유럽 , 아시아 태평양 지역, 남부 및 중앙 아메리카 , 동양 및 아프리카 근역</p>	

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