RILSAMID®
AMN BLACK P20 TLD

PA12-P, MHLR, 12-005
Rilsamid® AMN BLACK P20 TLD 수지 는 블랙 폴리아미드입니다. 이 등급은 가소화되었으며 사출 성형용으로 설계되었습니다.

물성들이	건조/응축	단위	시험규격
유변학적 특성			
용융 부피 - 흐름 속도	44 / *	cm^3/10min	ISO 1133
온도	235 / *	°C	-
	455 / *	°F	
하중	2.16 / *	kg	-
	4.76 / *	lb	
성형 수축률, 평행	1.9 / *	%	ISO 294-4, 2577
성형 수축률, 수직	1.9 / *	%	ISO 294-4, 2577
기계적 특성			
인장탄성률	- / 550	MPa	ISO 527-1/-2
	- / 79800	psi	
항복강도	- / 31	MPa	ISO 527-1/-2
	- / 4500	psi	
항복변형률	- / 19	%	ISO 527-1/-2
파단시 평균신율	- / >50	%	ISO 527-1/-2
샤피 충격 강도, +23°C	- / 휴식 없음	kJ/m^2	ISO 179/1eU
샤피 충격 강도, -30°C	- / 휴식 없음	kJ/m^2	ISO 179/1eU
샤피 노치드 충격 강도, +23°C	- / 18	kJ/m^2	ISO 179/1eA
	- / 8.56	$ftlb/in^2$	
샤피 노치드 충격 강도, -30°C	- / 4	kJ/m^2	ISO 179/1eA
	- / 1.9	$ftlb/in^2$	
열적 특성			
녹는점, 10°C/min	174 / *	°C	ISO 11357-1/-3
기타 특성			
밀도	1020 / 1020	kg/m^3	ISO 1183
	1.02 / 1.02	g/cm^3	

Processing conditions, Injection:
- Typical melt temperature (Min / Recommended / Max) : 250°C / 270°C / 290°C.
- Mold temperature : 20 - 40°C
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80 - 90°C.

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790 SDC/11-2018
Source: automatically generated TDS from Material Database on 20-02-2024

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생산 공정

사출 성형

인도 유형

펠렛 (입자,알갱이)

부가물

이형제, 가소제

특별 특성

열안정성, 가시광선 안정성

지역별 검색

북아메리카
, 유럽
, 아시아 태평양 지역, 남부 및 중앙 아메리카
, 동양 및 아프리카 근역

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