

RILSAMID®

AMN BLACK P20 TLD

PA12-P, MHLR, 12-005

Rilsamid® AMN BLACK P20 TLD树脂 是一种黑色聚酰胺。该牌号经过增塑，设计用于注塑。

性能	干 / 已调节	单位	测试标准
流变性能			
熔体体积流动速度	44 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
载荷	2.16 / *	kg	-
	4.76 / *	lb	-
模塑收缩率, 平行	1.9 / *	%	ISO 294-4, 2577
模塑收缩率, 垂直	1.9 / *	%	ISO 294-4, 2577
机械性能			
拉伸模量	- / 550	MPa	ISO 527-1/-2
	- / 79800	psi	
屈服应力	- / 31	MPa	ISO 527-1/-2
	- / 4500	psi	
屈服伸长率	- / 19	%	ISO 527-1/-2
名义断裂伸长率	- / >50	%	ISO 527-1/-2
简支梁冲击强度, +23°C	- / 无断裂	kJ/m²	ISO 179/1eU
简支梁冲击强度, -30°C	- / 无断裂	kJ/m²	ISO 179/1eU
简支梁缺口冲击强度, +23°C	- / 18	kJ/m²	ISO 179/1eA
	- / 8.56	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 4	kJ/m²	ISO 179/1eA
	- / 1.9	ftlb/in²	
热性能			
熔融温度, 10°C/min	174 / *	°C	ISO 11357-1/-3
其它性能			
密度	1020 / 1020	kg/m³	ISO 1183
	1.02 / 1.02	g/cm³	

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.

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供货形式 粒料	
添加剂 脱模助剂, 增塑剂	
特殊性能 热稳定, 光稳定	
地区供应 北美, 欧洲, 亚太, 中南美洲, 中东/非洲	

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