ORGALLOY®
LT 4060 ES BLACK T6L

Orgalloy® LT 4060 ES BLACK T6L resin is a polyamide alloy especially designed for extrusion blow molding. This black grade offers an excellent thermal resistance, cold impact performance and flexibility.

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	0.5 / *	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	570 / 230	MPa	ISO 527-1/-2
	82700 / 33400	psi	
50%ひずみ時応力	22 / 16	MPa	ISO 527-1/-2
	3190 / 2320	psi	
破壊ひずみ	>50 / >50	%	ISO 527-1/-2
ショア硬さD, 15 s	50 / *	-	ISO 868
シャルピー衝撃強さ, +23°C	未破壊 / 未破壊	kJ/m²	ISO 179/1eU
ノッチ付きシャルピー衝撃強さ, +23°C	79 / 78	kJ/m²	ISO 179/1eA
	37.6 / 37.1	ftlb/in²	
熱的特性			
溶融温度, 10°C/min	220 / *	°C	ISO 11357-1/-3
荷重たわみ温度, 0.45 MPa	60 / *	°C	ISO 75-1/-2
	140 / *	°F	
ビカット軟化温度, 50°C/h 50N	62 / *	°C	ISO 306
	144 / *	°F	
1.5mm厚さでの燃焼性	HB / *	class	IEC 60695-11-10
試験片の厚さ	1.6 / *	mm	-
	0.0630 / *	in	
厚さhでの燃焼性	HB / *	class	IEC 60695-11-10
試験片の厚さ	3.2 / *	mm	-
	0.1260 / *	in	
電気的特性.			
耐トラッキング性	* / 600	-	IEC 60112
その他の特性.			
吸水率, 23°C, immersion, equilibrium	5 / *	%	ISO 62

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

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吸湿率	1.1 / *	%	ISO 62
密度	1040 / 1040	kg/m³	ISO 1183
	1.04 / 1.04	g/cm³	

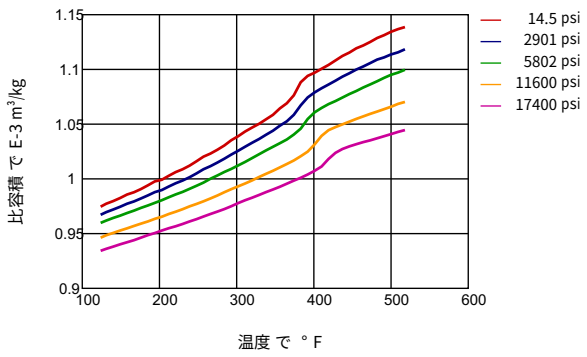
Main applications:
- Automotive air intake ducts (clean air duct and outside intercooler tube)

Packaging:
This grade is delivered dried in sealed packaging (25kg bags) 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.

機能

PVT



Processing conditions:
- Drying time (only necessary for bags opened for more than two hours): 4-8 hours at 80°C
- Extrusion melt temperature (min-recommended-max): 250-260-270°C

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成形加工法

ブロー成形

納入形状

ペレット

特殊な特性

熱安定化，光安定化

領域別の利用可能性

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