

PEBAX® 7233 SP 01

Polyether block amide Pebax® 7233 SP 01 resin is a thermoplastic elastomer made of flexible polyether and rigid polyamide. This SP grade has been developed to be heat and UV resistant.

特性	乾燥/調湿	単位	テスト基準
レオロジー特性			
成形収縮率, 平行	1.1 / *	%	ISO 294-4, 2577
成形収縮率, 直角	1.3 / *	%	ISO 294-4, 2577
機械的特性			
引張弾性率	- / 510 - / 74000	MPa psi	ISO 527-1/-2
降伏応力	- / 26 - / 3770	MPa psi	ISO 527-1/-2
降伏ひずみ	- / 18	%	ISO 527-1/-2
破壊呼びひずみ	- / >50	%	ISO 527-1/-2
伸び率10%時の応力	29 / * 4210 / *	MPa psi	ISO 527-1/-2
伸び率100%時の応力	25 / * 3630 / *	MPa psi	ISO 527-1/-2
破壊ひずみ TPE	>300 / *	%	ISO 527-1/-2
破壊応力 TPE	56 / * 8120 / *	MPa psi	ISO 527-1/-2
引裂強さ	166 / *	kN/m	ISO 34-1
ショア硬さD, 15 s	61 / *	-	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	- / 15 - / 7.14	kJ/m² ftlb/in²	ISO 179/1eA
ノッチ付きシャルピー衝撃強さ, -30°C	- / 10 - / 4.76	kJ/m² ftlb/in²	ISO 179/1eA
熱的特性			
溶融温度, 10°C/min	174 / *	°C	ISO 11357-1/-3
ピカット軟化温度, 50°C/h 50N	106 / * 223 / *	°C °F	ISO 306
線膨張係数, 平行	120 / *	E-6/K	ISO 11359-1/-2
電気的特性.			
比誘電率, 100Hz	7 / -	-	IEC 60250

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

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比誘電率, 1MHz	4 / -	-	IEC 60250
誘電正接, 100Hz	1630 / -	E-4	IEC 60250
誘電正接, 1MHz	586 / -	E-4	IEC 60250
体積抵抗率	8E11 / -	Ohm* m	IEC 62631-3-1
表面抵抗率	* / 1.84E14	Ohm	IEC 62631-3-2
耐電圧	44.5 / - 1130 / -	kV/m kV/in	IEC 60243-1
耐トラッキング性	* / 600	-	IEC 60112
その他の特性.			
吸水率, 23°C, immersion, equilibrium	0.9 / *	%	ISO 62
吸湿率	0.7 / *	%	ISO 62
密度	1010 / 1010 1.01 / 1.01	kg/m³ g/cm³	ISO 1183

Main applications: • Athletic foot wear components • Ski shoes • Zip fasteners
• Hook and loop fasteners

Packaging:

This grade is delivered dried in sealed packaging (20 or 25 kg bags) ready to be processed.

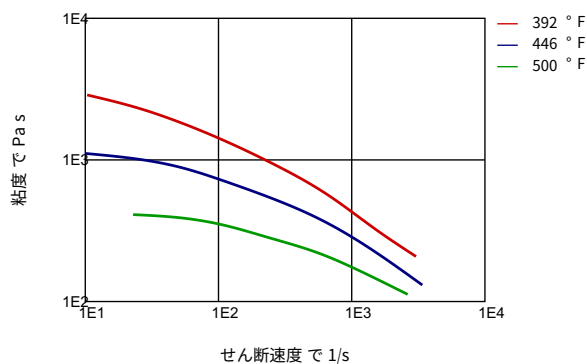
Shelf Life:

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

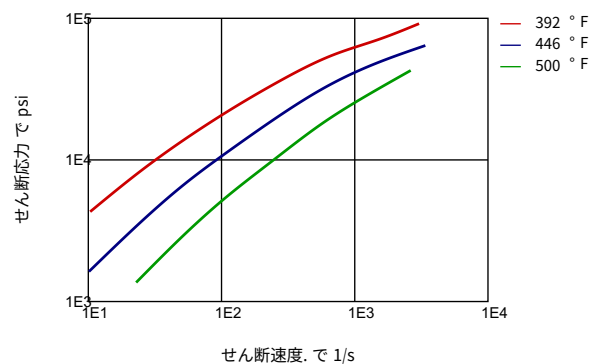
PEBAX® 7233 SP 01

機能

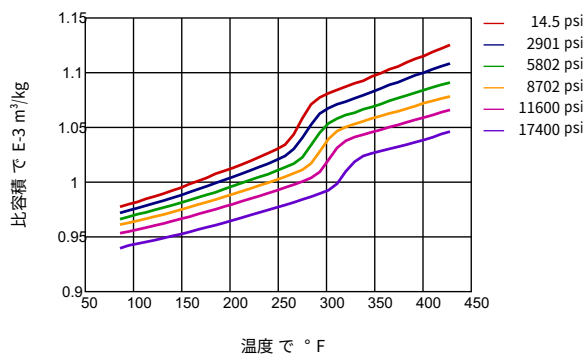
粘度せん断速度.



せん断応力-せん断速度.



PVT



Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 230°C / 260°C / 290°C.
- Typical mold temperature : 25 – 60°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 5-7 hours at 70-80°C.

Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 220°C / 235°C / 250°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 5-7 hours at 70-80°C.

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成形加工法 射出成形, フィルム押出成形, 異形押出成形, その他の押出成形, トランスファー成形, 注型, 熱成形	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
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 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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