

# PEBAX®

## MV 3000 SP 01

Polyether block Pebax® MV 3000 SP 01 resin is a thermoplastic elastomer made of flexible polyether and rigid polyamide. This hydrophilic grade when extruded into either a thin film or laminated on to a substrate offers excellent permeability to moisture vapor while remaining waterproof.

This SP grade is specifically designed for outdoor application that needs excellent weather resistance properties.

特性	乾燥/調湿	単位	テスト基準
<b>機械的特性</b>			
引張弾性率	- / 45	MPa	ISO 527-1/-2
	- / 6530	psi	
50%ひずみ時応力	- / 7	MPa	ISO 527-1/-2
	- / 1020	psi	
破壊ひずみ	- / >50	%	ISO 527-1/-2
ショア硬さD, 15 s	35 / *	-	ISO 868
<b>熱的特性</b>			
熔融温度, 10°C/min	158 / *	°C	ISO 11357-1/-3
<b>その他の特性</b>			
吸水率, 23°C, immersion, equilibrium	28 / *	%	ISO 62
吸湿率	1 / *	%	ISO 62
密度	1020 / 1020	kg/m³	ISO 1183
	1.02 / 1.02	g/cm³	

Main applications:

- Breathable membranes

Packaging:

This grade is delivered dried in sealed packaging (20 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.

Processing conditions:

- Cast Film - Typical melt temperature : 240 - 250°C.
- Blown Film - Typical melt temperature : 190 - 210°C.
- Coating - Typical melt temperature : 240 - 250°C.
- Drying time and temperature (only necessary for bags opened for more than two hours): 4-6 hours at 70-80°C.

# PEBAX<sup>®</sup>

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<b>成形加工法</b> フィルム押出成形, その他の押出成形, カレンダー加工, 注型	<b>Headquarters:</b> 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
<b>納入形状</b> ペレット	
<b>領域別の利用可能性</b> 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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