

Pebax® MV 1074 SA 01 MED

TPA

Pebax® MV 1041 SA 01 MED resin

Polyether block amide **Pebax® MV 1041 SA 01 MED resin** is a thermoplastic elastomer made of flexible and hydrophilic polyether and rigid polyamide.

Hydrophilic **Pebax® MV 1074 SA 01 MED resin** is suitable for extrusion or coextrusion and offers excellent high moisture absorption properties in wet environments, enhancing lubricity against bodily tissue.

Pebax® MV 1074 SA 01 MED resin is also an inherently dissipative polymer and can be dry blended or compounded with a polymer matrix to lower the surface resistivity of the final part.

This grade offers the highest quality and it is specially designed to meet the stringent requirements of the medical applications such as minimally invasive devices. Upon request, letters regarding USP Class VI compliance can be provided.

Thermal properties	dry / cond	Unit	Test Standard
Melting temperature, 10°C/min	158 / *	°C	ISO 11357-1/-3

Other properties	dry / cond	Unit	Test Standard
Water absorption	1.4 / *	%	Sim. to ISO 62
Density	1070 / -	kg/m ³	ISO 1183

Test specimen production	Value	Unit	Test Standard
Injection Molding, melt temperature	220	°C	ISO 294
Injection Molding, mold temperature	30	°C	ISO 10724

Characteristics

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa