MH 1657

Polyether block amide **PEBAX® MH 1657** is a thermoplastic elastomer made of flexible polyether and rigid polyamide. MH 1657 is an inherently dissipative polymer and can be dry blended or compounded with an isolative polymer to lower the surface resistivity.

Main Characteristics	Value	Unit	Test Method
Density	**1.14**	g/cm^3	ISO 1183
Water Absorption at Equilibrium at 20℃ and 50 % RH **Water Absorption at Saturation** 24 h in water at 23℃	**4.5** **120**	% %	ISO 62
Melting Point	**204**	℃	ISO 11357
Hardness Shore (*) Instantaneous	**40**	Shore D	ISO 868
Flexural Modulus (*)	**80**	MPa	ISO 178
Surface Resistivity (*)	**1 10^9**	Ω / sq	IEC 60093
Volume Resistivity (*)	**2 10^9**	Ω.cm	IEC 60093
Charge Decay Time	**<1**	sec	MIL B-81705

(*) Samples conditioned 15 days at 23℃ - 50 % R.H.

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The world is our inspiration

Technical Polymers
420 rue d'Estienne d'Orves
92700 Colombes, France
www.arkema.com

www.pebax.com