

# PRIMALLOY® A1400

Thermoplastic Elastomer

Mitsubishi Chemical Performance Polymers, Inc.

## Message:

PRIMALLOY® A1400 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Molding Shrinkage <sup>1</sup>			Internal Method
Across Flow : 2.00 mm	0.50	%	
Flow : 2.00 mm	3.0	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	45		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	6.00	MPa	ISO 37
Tensile Elongation (Break)	790	%	ISO 37
Compression Set <sup>2</sup> (70°C, 22 hr)	60	%	ISO 815
NOTE			
1.	120x120x2 mm test plaque		
2.	6 sheets (each thickness = 2mm)		

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## Recommended distributors for this material

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