

# PRIMALLOY® B1700

Thermoplastic Elastomer

Mitsubishi Chemical Performance Polymers, Inc.

## Message:

PRIMALLOY® B1700 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America. Primary attribute of PRIMALLOY® B1700: Low Hardness.

General Information			
Features	Low Hardness		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ISO 1133
Molding Shrinkage <sup>1</sup>			Internal Method
Across Flow : 2.00 mm	0.90	%	
Flow : 2.00 mm	2.6	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	68		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	10.0	MPa	ISO 37
Tensile Elongation (Break)	750	%	ISO 37
Tear Strength	41	kN/m	ISO 34-1
NOTE			
1.	120x120x2 mm test plaque		

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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