

# MicroC Foam<sup>®</sup> Polyurethane Foams

## PI series impact absorption foam

### Soft Polyurethane Foams with good impact absorption.

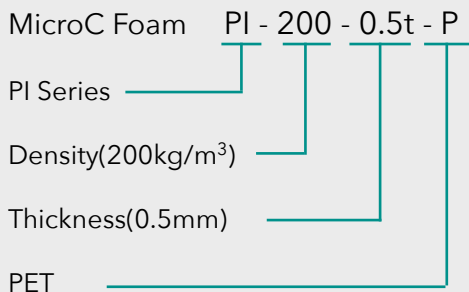
#### Benefits

- Reduce shock and isolate vibration
- Long term spring force
- Super compression set resistance

#### Applications

- Environmental seals
- Vibration isolator
- Shock absorption pad

#### Naming



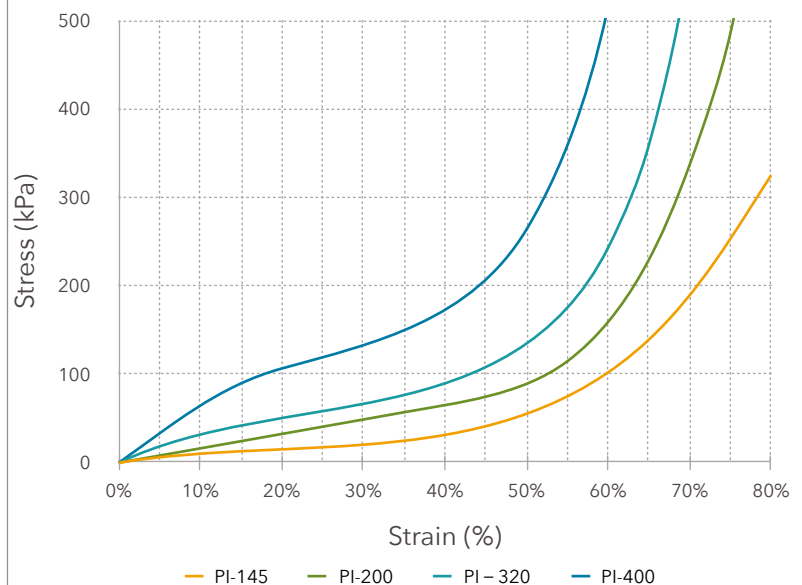
#### Storage

Store in a dry and cool place

No direct exposed to UV or solvent

Properties	Test Method	PI Series			
Density, kg/m <sup>3</sup> Tolerance, %	ASTM D3574 Test A	145 ±10	200 ±10	320 ±10	400 ±10
Thickness, mm Tolerance		0.5~1.0 ±10%	0.5~5.0 ±10%	1.5~5.0 ±10%	0.5~3.0 ±10%
Compression Set % max, 50%, 70	ASTM D3574 Test D	10	10	10	10
Compression Force Deflection, Range kPa, Typical kPa	ASTM D3574 Test C. 25% deflection	3.5~24 14	7~35 21	30~110 70	70~280 175
Color		Black			
Recommended Constant Use, max		90°C			
Recommended Intermittent Use, max		120°C			

PI series CFD Curve



MicroC Foam<sup>®</sup> is a registered trademark of Shengying Corporation.  
 Shengying new material technology (Changzhou) Co., LTD  
 Suzhou Sales office  
 Rm816, Zhiyuan International Business Building,  
 #101, Kefa Road, Science and Technology Tower,  
 Hi-Tech Zone, Suzhou.  
 Tel: 0512-66890180  
 Fax:0512-66890196