

# Cellasto® MH24-45

热塑性聚氨酯弹性体

BASF Polyurethanes GmbH

## Technical Data

### 产品说明

Cellasto is the trade name for BASF Polyurethanes' high performance, microcellular polyurethane elastomer. Cellasto components have been used successfully for over 35 years as the NVH (Noise, Vibration, Harshness) solution for automotive chassis and suspension applications such as jounce bumpers, shock absorber top mounts and coil spring isolators. Cellasto is also used in many other applications outside of automotive such as: elevator safety buffers; paper conveying components; friction dampers; sub-frame, motor & body mounts; and more.

The outstanding features are:

- Low compression set
- High volume compressibility with minimum lateral expansion
- Excellent mechanical properties & durability
- Highly versatile - noise isolation at small amplitude & high frequency; vibration isolation at large amplitude & low frequency
- Abrasion resistant
- Resistant to ozone, oils, greases and other aliphatic hydrocarbons

### 总览

特性	<ul style="list-style-type: none"><li>• 低的压缩变形性</li><li>• 减震</li><li>• 降噪</li></ul>	<ul style="list-style-type: none"><li>• 耐臭氧性能</li><li>• 耐磨损性，良好</li><li>• 耐碳氢化合物</li></ul>	<ul style="list-style-type: none"><li>• 耐用性</li><li>• 耐油性能</li><li>• 耐油脂性能</li></ul>
用途	<ul style="list-style-type: none"><li>• 汽车领域的应用</li></ul>		
加工方法	<ul style="list-style-type: none"><li>• 泡沫处理</li></ul>		

物理性能	额定值	单位	制	测试方法
表观密度	0.45	g/cm <sup>3</sup>		ASTM D3574A
弹性体			制	测试方法
抗张强度	4.00	MPa		ASTM D3574E
伸长率 (断裂)	400	%		ASTM D3574E
撕裂强度	12.0	kN/m		
压缩永久变形				ASTM D3574D
20°C, 70 hr	3.5	%		
70°C, 22 hr	5.0	%		

