

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:			
<ul style="list-style-type: none">Low compression setHigh volume compressibility with minimum lateral expansionExcellent mechanical properties & durabilityHighly versatile - noise isolation at small amplitude & high frequency; vibration isolation at large amplitude & low frequencyAbrasion resistantResistant to ozone, oils, greases and other aliphatic hydrocarbons			
总览			
特性	<ul style="list-style-type: none">低的压缩变形性减震降噪	<ul style="list-style-type: none">耐臭氧性能耐磨损性，良好耐碳氢化合物	<ul style="list-style-type: none">耐用性耐油性能耐油脂性能
用途	<ul style="list-style-type: none">汽车领域的应用		
加工方法	<ul style="list-style-type: none">泡沫处理		
物理性能		额定值 单位制	测试方法
表观密度		0.45 g/cm³	ASTM D3574A
弹性体		额定值 单位制	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 %	

