

Technical Data Sheet Cellasto® MH24-35 RG350

Cellasto® MH24-35 RG350 (cellular)

Cellasto® MH24-35 RG350 – microcellular polyurethane elastomer (cellular PUR), raw density 350 kg/m³

Typical Properties

- Microcellular elastomer structure
- Volume-compressible (low lateral expansion)
- Progressive spring characteristic
- Very good dynamic fatigue durability
- Good vibration and noise damping (NVH)
- Nitrosamine-free, foamed without blowing agent (pollutant-free)
- Paint-indifferent, peroxide-crosslinked
- Good oil and weathering resistance

Typical Industries

- Automotive industry (chassis / suspension)
- Commercial and rail vehicle construction
- Mechanical and plant engineering
- Vibration and mounting technology
- Powertrain and unit mounting
- Industrial damping technology

	Test Method	Unit	Value
General Properties			
Material			Microcellular polyurethane elastomer (PUR)
Raw density		kg / m ³	350
Colour			yellow
Crosslinking			peroxide-crosslinked
Cell formation			foamed without blowing agent, pollutant-free
Nitrosamines			free
Fire behaviour			burn test based on UL 94
Mechanical Properties			
Tensile strength		N / mm ²	3
Elongation at break		%	350
Tear resistance		N / mm	8

Test Method	Unit	Value
Rebound resilience	%	55
Compression set (70 h, 20 °C)	%	3.5
Thermal Properties		
Temperature range	°C	-20 ... +80
Resistances		
Oil resistance		good
Petrol resistance		conditional
Acid resistance		not recommended
Alkali resistance		not recommended
Weathering resistance		good
Paint indifference		paint-indifferent

Cellasto® is a registered trademark of BASF. This grade is a microcellular polyurethane elastomer; the cell structure is formed during foaming without a blowing agent, pollutant-free. The values stated are based on a limited number of tests on standard test specimens from laboratory production; data determined on finished parts may deviate from the above values depending on part geometry. Standard references correspond to the issue status of the raw material supplier's data sheet. The material is not suitable for permanent contact with acids and alkalis. It is the buyer's responsibility to check, before using the product, whether it is suitable for the intended purpose, also with regard to possible application-relevant influences. The values serve as an aid to material selection and are not a legally binding warranty of specific properties.