

Product information
 Characteristics
ASMACELL-Series



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Chemical base	Micro-cellular polyurethane elastomer, polyester based
Characteristic	ASMACELL complement compact polyurethane elastomers (such as Asmaprene and Asmathane) for applications where a higher ability to deforming and lower compression resistance is required as in compact elastomers.
Operational area	Shock absorbers, impact buffer, damping elements, decoupling, cabin dampers in cable cars, elevators, trucks and agricultural machinery, industrial manufacturing plants, fun parks and more. Special applications in machine- and equipment construction.
Specific advantages	In the range up to 30% compression almost no lateral deformation, up to 80% compression without damaging of elastomer structure, minor permanent deformation after longer compression, high elasticity as high energy adsorption application-specific adjustable. Closed outer skin
Specific resistance	Generally very good resistance against mineral oils and fats. For special applications, contact our technical staff regarding resistance!
Working temperature	Long-term use -25 up to +40°C (wet), +80°C (dry), short-term use up to +100°C (dry). For use in permanent contact with water at temperatures >50°C not suitable (risk of hydrolysis)!
Density/ Hardness	Density 350-800 kg/m ³ , corresponding to the density hardness approx. 20-60° shore A.
Colors	Nature (white), black
Alternatives	
Remark	

Please contact us for further information!
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