Technical datasheet

Diepocell® MH 30-55

Basic information	Specification
Basic elastomer	PU (foamed)
Fabric ply	without ply
Description/features	Material for vibration dampening with good mechanical properties
Format	**Rolls:** 0.5 m x 0.25 m 0.6 m x 0.3 m
Colour	creamy white

Technical data		Standard term/Specification	Unit	Testing method
Density		0.55	g/cm³	DIN EN ISO 1183-1
Shore A		n.a.	°Sh A	DIN ISO 7619-1
Tensile strength		6.5	N/mm²	DIN 53504
Elongation at break		560	%	DIN 53504
Abrasion		n.a.	mm³	DIN ISO 4649 method A
Tear strength		21	kN/m	DIN ISO 34-1
Impact resilience		50	%	DIN 53512
Compression set		5	%	DIN ISO 815-1 (70 h, 22 °C)
		14.5		DIN ISO 815-1 (24 h, 70 °C)
Medium compressive stress	20 %	0.35	N/mm²	
	30 %	0.45		
	40 %	0.54		
	50 %	0.81		
	60 %	1.62		
	70 %	4.50		
Temperature range		from - 30 to + 80	°C	

Resistance	Standard term/Specification
Oil	⊖
Fuels	⊖
Acids	⊖
Alkaline solution	n.sp.
Weather	n.sp.

Legend		
⊕ ⊕ = particularly resistant	⊖ = not resistant	n.sp. = not specified
⊕ = resistant		n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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elastomer technology

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