

POLYURETHANE - BLUE

Technical Data Sheet

MATERIAL	METHOD	UNIT	
PHYSICAL PROPERTIES			
Hardness	DIN 53505	Shore A	95
10% Modulus	DIN 53504	MPa	5.4
100% Modulus	DIN 53504	MPa	12.1
200% Modulus	DIN 53504	MPa	15.6
300% Modulus	DIN 53504	MPa	18.7
Ult. Tensile	DIN 53504	MPa	30
Elongation	DIN 53504	%	590
Tear Strength	DIN 53515	KN/m	
Without nick			140
With nick			70
Resilience	DIN 53512	%	41
Abrasion Loss	DIN 53516	mm ³	40
Compression Set	DIN 53517	%	34

WET FOOD APPROVAL is obtained only when specified chemical compositional requirements are met.

Elastomers based on the abovementioned prepolymers are acceptable for repeated contact with food under #177.2600 subpart F, Food Additives Regulations. They can be used in continuous and repetitive contact with dry, aqueous and fatty foods.

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