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Datasheet ASNCM7



ASNCM7 has been specially developed for use in water-lubricated shaft applications. The material offers good wear resistance, abrasion resistance and shock load absorption, combined with a low coefficient of friction. ASNCM7 is a highly developed thermosetting crosslinked polymer that optimises unique properties in the design of elastomeric materials. The polymer is a stiff material with good load and impact resistance.

Application

Material

Synthetic fiber with polyester resin with friction modifiers.

Availablity

	Value	Unit
Tube inside diameter	on requist	
Tube outside diameter	on requist	
Length standard	on requist	
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	on request	
Total length	on request	

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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ASNCM7 - Specifications

Physical properties

	Test standard	Value	Unit
Density		on request	
Poisson factor		0,45	[-]
Water absorption % volumetric		1,6	%

Mechanical properties

	Test standard	Value	Unit
Module of elasticity - Youngs modulus		on request	
Tensile strength		38	MPa
Shear strength		on request	
Impact strength		on request	
Hardness		68	Shore D
Dynamic load capacity		on request	

Thermal properties

	Test standard	Value	Unit
Thermal expansion Parallel to laminate		on request	
Thermal expansion Normal to laminate		on request	
Min. working temperature		on request	
Max. working temperature		on request	
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction static		0,15	[-]
Coefficient of friction dynamic		on request	
Max. sliding speed		on request	
Max. Pv-load dry		on request	
Max. Pv-load oil lubricated		on request	
Max. Pv-load on regular greased		on request	

Electrical properties

	Test standard	Value	Unit

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