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Datasheet ASDF14



AS DF14 composite bearing material is made of PTFE with lubricants and wear resistant additives. AS DF14 is a high performance material, formed with advanced technology at specific temperature and pressure. The material has good thermal conductivity, stable dimension and able to withstand high surface pressure. AS DF14 has good wear resistance and is suitable for operating under dry, wet and lubricated circumstances. AS DF14 has a very low coefficient of friction and has vituallu no swell in water. Asec products recommends to provide the counter faces with a hardened surface to protect it from wear.

Application

AS DF14 is used as material for bearings, seals in machines and as wear-resistant components in for example the aerospace industry.

Material

PTFE with lubricants and wear resistant material

Availablity

	Value	Unit
Length standard	on request	
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	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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ASDF14 - Specifications

Physical properties

	Test standard	Value	Unit
Density		2,60	g/cm³

Mechanical properties

	Test standard	Value	Unit
Compressive strength		30	MPa
Tensile strength		17	MPa
Impact strength		15	kJ/m²

Thermal properties

	Test standard	Value	Unit

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0,14	[-]

Electrical properties

	Test standard	Value	Unit

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