

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 virtually 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

Availability

	Value	Unit
Length standard	on request	
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	on request	

ASDF14 - Specifications

Physical properties

	Test standard	Value	Unit
Density		2,60	g/cm ³

Mechanical properties

	Test standard	Value	Unit
Compressive strength		30	MPa
Tensile strength		17	MPa
Impact strength		15	kJ/m ²

Thermal properties

	Test standard	Value	Unit
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Friction properties

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

Electrical properties

	Test standard	Value	Unit
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