

## Datasheet ASDF13



AS DF13 composite bearing material is made of modified fluorinated polymer with filling of metallic and non-metallic elements. AS DF13 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 DF13 has good wear resistance and is suitable for operating under dry, wet and lubricated circumstances. AS DF13 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. AS DF13 is produced under approval of ISO 9001 for all manufacturing operations and tested in laboratories.

## Application

AS DF13 is used as material for bearings, seals and gaskets in machines, offshore, in petrochemical industry and other equipment.

## Material

Modified fluorinated polymer with filling of metallic and non-metallic elements

## Availability

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



## ASDF13 - Specifications

### Physical properties

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

### Mechanical properties

	Test standard	Value	Unit
Compressive strength		26	MPa
Tensile strength		13	MPa
Impact strength		20	kJ/m <sup>2</sup>

### Thermal properties

	Test standard	Value	Unit
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### Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0,11	[-]

### Electrical properties

	Test standard	Value	Unit
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