ASEC Products
Marketing 17
6921 RE Duiven
The Netherlands
T. +31 316 84 44 01
info@asecproducts.com
www.asecproducts.com

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.

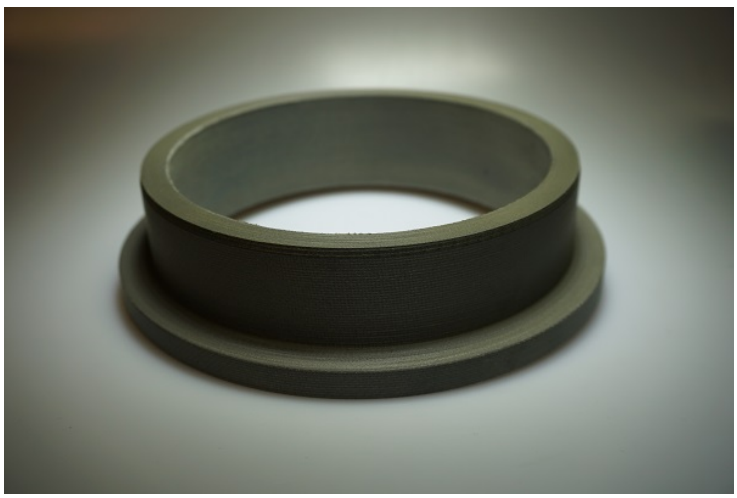
Material

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

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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ASDF13 - Specifications

Physical properties

	Test standard	Value	Unit
Density		2,60	g/cm³

Mechanical properties

	Test standard	Value	Unit
Compressive strength		26	MPa
Tensile strength		13	MPa
Impact strength		20	kJ/m²

Thermal properties

	Test standard	Value	Unit

Friction properties

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

Electrical properties

	Test standard	Value	Unit

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