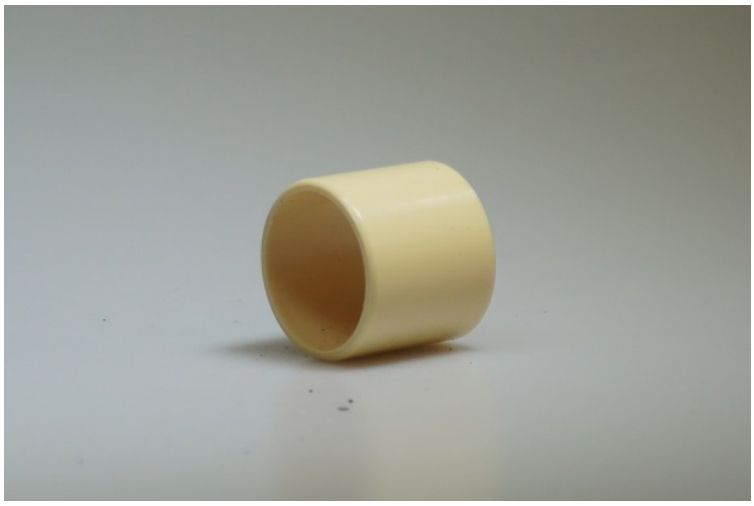
ASEC



SLIDING BEARINGS ASDPE(F)

SKU: ASDPE(F)

ASEC Kunststoffen BV

Marketing 17, 6921 RE Duiven, The Netherlands

T: +31 316 84 44 01 | info@asec.nl

Categories: Plastic bearings

Features

- Continuous use temperature: -40°C/+100°C.
- Suitable for dry operation, maintenance-free.
- Suitable for high load movements.
- Suitable for operation in humid environments.

Material
Plastic

This self-lubricating material exhibits low water absorption and exceptional abrasion resistance, making it suitable for use in both soft and hard shaft fits.

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.
ASEC Products 2022 ©.

ASEC

Availablity		Value	Unit
Min. inside diameter		3	mm
Max. outside diameter		90	mm
Flange diameter		7.5-90	mm
Length standard		3-60	mm
Physical properties	**Test standard**	**Value**	**Unit**
Density	ISO1183	1.4	g/cm³
Thermal conductivity	ISO22007	0.25	W/m*K
Max water absorption	ISO62	0.5	%
Flammability	UL94	HB	[-]
Mechanical properties	**Test standard**	**Value**	**Unit**
Hardness	ISO868	75	Shore D
Dynamic load		21	MPa
Bending modulus	ISO178	65	MPa
Flexural modulus	ISO178	2700	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Thermal expansion, 23°C	DIN 53752	12	K
Min. working temperature		-40	°C
Max. working temperature		100	°C
Inter. working temperature		160	°C
Friction properties	**Test standard**	**Value**	**Unit**
Dynamic friction / steel		0.05-0.18	[-]
Max. PV dry		0.4	MPa*m/s
Electrical properties	**Test standard**	**Value**	**Unit**
Volume resistivity	IEC60093	＞10^12	Ωcm
Surface resistivity	IEC60093	＞10^11	Ω

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.
ASEC Products 2022 ©.