



Product information

OK 2000 Flame-Ex # 999

OKULEN[®] OK 2000 F-Ex is a virgin UHMW polymer with advanced flame retardent properties. This material is halogen free ! Even with the additive used to extinguish the flame, great gliding properties and good wear resistance are still achieved through using the highest polymer possible. With its high impact strength, it was designed for such applications in conveyor systems used in the mining field.

The flame retardent classification is measured to UL (Underwriters Laboratories) standard using the methode UL94 = V0, vertical flame test.

Technical Values:

Properties	Unit	OK 2000-F-Ex
abrasion index	%	125 ± 15
impact strength (15° double V-notch)	mJ/mm ²	> 80
density	g/cm ³	> 1
rating UL94	-	V 0

Properties:

Flame retardent
halogen free
anti-static properties
low friction for great wear properties
UV-stabilized for outside use
High wear resistance for heavy duty applications

Color:

black-silver # 999

Tested against following flammability standards and corresponding rating:

DIN 5510-2	flammability grade S4
FMVSS 302	does not burn
UL 94	V-0

Application fields:

off-road transportation,
construction industry
mechanical engineering
mining industry

The above data are based on the present knowledge and are given without guarantee.
Existing laws and conditions are to be respected by the user of our products.

TSE-OKULEN Americas, L.L.C.

sheet and finished products

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