

BLAZER
SERIES
High Performance Elastomer Parts

BLAZER™
O-ring-A

TOMBO™ No.2675-A

This type of elastomer has excellent chemical resistance. Particularly, it is highly resistant to polar solvents such as amines and organic acids, which cannot be realized by other kinds of FLUORO ELASTOMER. It produces little elution of metal, and is suitable for applications which require both chemical resistance and purity.



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Features

Rough value of heat resistance: 210°C

Standard hardness (Duro A): 75

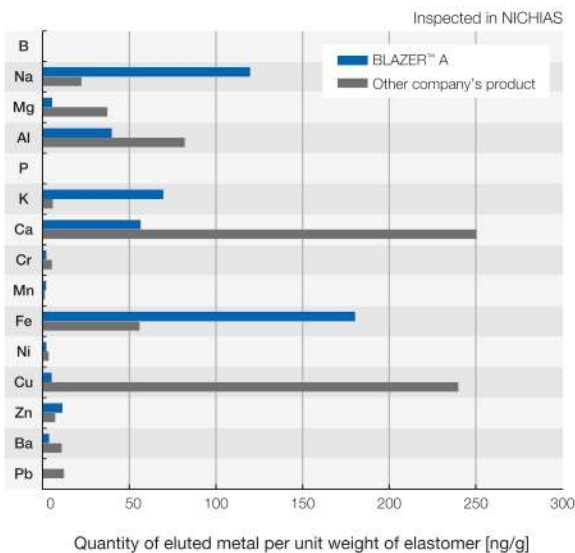
Has excellent chemical resistance, enabling it to be used with almost all chemicals (excluding fluorine-based solvents).

Almost no metal is eluted into the chemical used.

Applications

Sealing of washing units, coaters/developers, wet etching units, filters, etc.

Results of measuring metal elution



The results indicate that because BLAZER™ A does not contain metal in its formulation, it produces only a very small amount of metal ions compared to other company's product.

● Test conditions

- Pre-washing: None
- Elution
 - Testpiece: O-ring AS568-214
(Thickness ϕ 3.53 mm \times I. D. ϕ 25.00 mm)
 - Chemical: 3.6% hydrochloric acid 100 g
 - Temperature \times Time: 25°C \times 20 hours
- Analysis method: ICP-MS