

What is AU?

AU rubber has excellent abrasion resistance thus can withstand wear and tear friction caused by mechanical parts as well as the effects caused by repetitive scraping or rubbing. AU also demonstrates excellent resistance towards oils and good ozone resistance. Their inherent resistance to oils mean that AU components will perform well in applications with consistent exposure to fuel and oil, performing its intended function while in contact. The service temperature range of AU is limited to approximately -10 to +70°C.

Properties of AU

- Excellent abrasion
- Excellent tensile and tear strength
- Excellent oil resistance

Declarations of conformity	Country	Explanation	Conformity
REACH (EC) 1907/2006	EU		Yes
RoHS	EU		Yes
BfR	DE	food contact	No*
FDA	USA	FDA § 177.2600	No*
(EG) 1935/2004	EU	food contact	No*
(EG) 2023/2006 (GMP)	EU	GMP	No*
3-A Sanitary	USA		No*
USP	USA		No*
ACS	F	drinking water	No*
DIN EN 681	EU		No*
Kiwa	NL		No*

**Compliance statements here are only applicable for the standard items showcased in our portfolio. Sigma Polymer Group has the capabilities to tailor products according to your specific conformity requirements.*



Abrasion resistance
5



Oil and fuel resistance
4 - 5



Oxidations resistance
3



Ozone resistance
5



Water resistance
2



Fire resistance
2 - 3

Resistance grades

- 5 Excellent
- 4 Very good
- 3 Good
- 2 Fair
- 1 Bad