

AY-20 S

Free silicone, Free PFAS,
Polyether ester, Surface
additive for solvent born and
solvent free coating, Epoxy,
PU coating, Enhance substrate
wetting by reduction of
surface tension, also surface slip.



Technical Data Sheet

Chemical Nature:

Polyether ester with polydimethyl aliphatic chain.

Physical Properties

The values listed on this data sheet do not represent specification limitations; rather, they describe typical properties.

Density (20 °C): 0.95 g/ml

Flash Point : 110 °C

Applications

Coatings industry

- **AY-20 S** surface additive silicon and PFAS free, based on Polyether ester to make good leveling with polydimethyl aliphatic chain let to make complete free migration on the surface to make substrate wetting by reducing the surface tension also increase slip , gloss for Epoxy and PU coating and self-leveling, AY-20 S improve color acceptance, for some cases prevent flooding/floating behavior.

Recommended Dose

0.5-2 % additive (as supplied) based on the total formulation.

You can utilise the suggested levels mentioned above for orientation. A number of laboratory tests are used to identify optimal values.

Incorporation and processing instructions

The additive can be added at any time during production. Sufficient shear forces must be applied.

Usable Life and Storage:

It should be kept at a temperature of 0 °C and 40 °C away from direct sunlight.