



HARWICK

S T A N D A R D

ISO 9001-2015 REGISTERED

Technical Data Sheet

Stan-Fact™ Factice

Stan-Fact Factice products act as permanent softeners, complementary fillers, surface modifiers and thixotropic process aids. Factice products are produced from soybean, rapeseed or castor oil. *Harwick's Stan-Fact products are produced from soybean oil.* These naturally occurring oils are mixtures of glycerides — mostly triglycerides of mono-and polyunsaturated fatty acids. Factice can be cross-linked, most commonly with sulfur, although some specialty grades can be cross-linked with alternative cross-linking chemistries. It will help maintain compound durometer and flexibility over time, even in difficult service conditions like roll and printing applications.

Benefits of Factice:

- Improves dimensional stability (higher green strength)
- Reduces die swell
- Persistent softener (non-volatile, non-extractable, non-migratory)

Factice Applications include:

- Roll products
- Molded products
- Extruded products
- Sponge products

Vulcanized Factice are:

- Non-blooming
- Non-volatile
- Non-migrating
- Non-extractable

Factice can also be a:

- Permanent Softener
- Process Aid
- Filler
- Surface Modifier

continued ...

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STAN-FACT FACTICE
TYPICAL PROPERTIES

| | <u>2AS</u> <u>Brown</u> | <u>NA</u> <u>Brown</u> | <u>K74</u> <u>PNO</u> <u>Brown</u> | <u>2SR</u> <u>Light</u> <u>Brown</u> | <u>2SR</u> <u>Golden</u> <u>Yellow</u> |
|---------------------------|--|---|---|---|---|
| Acetone Extract, % | 31 | 33 | 45 | 22.5 | 22.5 |
| Ash Content, % | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| Acetone Soluble Sulfur, % | 3.5 | 3.5 | 3.5 | - | - |
| Free Sulfur, % | 0.35 | 0.40 | 0.40 | 0.75 | 0.75 |

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