



Add:203 Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

## SILIT-JSS HIGH CONC AND SUPER STABLE EMUSION

### TECHNICAL DATA SHEET

**SILIT-JSS** is a kind of high content hydrophilic silicone. It is used for hydrophilic softener of textiles such as cotton and its blend fabric, polyester, T/C and acrylics. It has good soft feel, smooth and hydrophobicity with high shear and wide pH range stable and be compatible with a little anionic binders and other auxiliaries.

#### Characteristics

- Especial soft feel and smooth
- Good hydrophobicity
- Low yellowing and low color shading
- Stability in acid and alkali and shear.

#### Properties

Appearance	Transparent to translucent viscous liquid
pH value, approx	7-9
Ionicity	slight cationic
Solubility	water
Solid content	82-85%

#### Applications

##### 1 Exhaustion process:

**SILIT-JSS** (30% emulsion) 0.5~1% o.w.f. (After dilution)

Usage : 40°C~50°C × 15~30min

##### 2 Padding process:

**SILIT-JSS** (30% emulsion) 5~15g/L (After dilution)

Usage : double-dip-double-nip

#### Dilution method

In fact **SILIT-JSS** is high content emulsion; it can be used when its emulsion inversion around 42% solid content by carefully stirring.

- 1) **SILIT-JSS** 353Kgs;
- 2) Add water 180Kgs, keep stirring 10-15 minutes;
- 3) Add water 180Kgs, keep stirring 5 minutes;
- 4) Add glacial acetic acid to adjust pH value to 5-6;
- 5) Add water 287Kgs, keep stirring 5 minutes;
- 6) Filter and pack



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So now it is 30% solid content emulsion and stable enough, now fty can directly add waterand dilute it to any solid content.

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**Package**

**SILIT-JSS** is available in 200kg plastic drums.

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**Storage and shelf-life**

When stored in its original packaging at a temperature of between -20°C and +50°C, **SILIT-JSS** may be stored for up to 12 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging. Past this date, **Shanghai Vana Biotech** no longer guarantees that the product meets the sales specifications.

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