

BLUESIL™ EMUL 21610

Description

BLUESIL EMUL 21610 is a type of oil-in-water micro emulsion and is specially formulated as textile softener which imparts superior softness and low yellowing to a wide range of fabrics. It will deliver best results on cotton or cotton blends.

Advantages

BLUESIL EMUL 21610 provides following typical application benefits:

- Imparts excellent soft hand feel
- Good hydrophilicity for fabric
- Low yellowing
- Excellent shearing stability and heating stability.
- Effective on a wide range of fabrics and knits

Characteristics

Appearance	Clear to slightly cloudy liquid, slight yellow
Dry content, approx. (%)	8.4
pH	3-6
Emulsifier type	Non-ionic
Thinner	Cold soft water

Application

BLUESIL EMUL 21610 is designed with excellent emulsion stability. It can be used both by padding and exhaustion method. The pH of the bath should be adjusted to 3.0-5.0 previously. A final level of 0.2-2.0% silicone solid on weight of fabric will give an excellent handle.

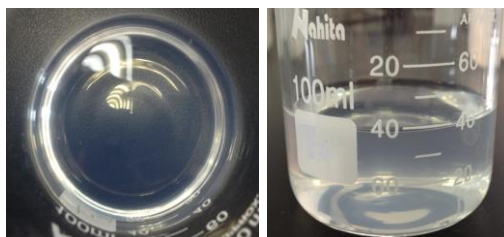
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Performance

BLUESIL EMUL 21610 shows excellent emulsion shearing stability even under extreme pH and temperature condition. **BLUESIL EMUL 21610** has good emulsion stability at high temperature; its dilution is homogeneous even after boiling.

Lab test result of BLUESIL EMUL 21610 emulsion stability:

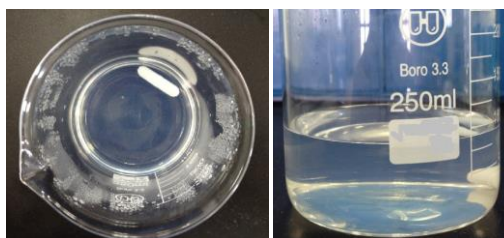
- *Shearing stability test result of BLUESIL EMUL 21610*



Condition: pH=12, 2000rpm for 10mins, room temperature or 50 °C

Result: dilution homogeneous after shearing

- *Boiling stability test result of BLUESIL EMUL 21610*



Condition: 1% dilution, boiling for 10mins

Result: dilution is clear, homogeneous and no oil on the surface after boiling

Packaging

BLUESIL EMUL 21610 is delivered in 25kg pails, 200kg drum and 1000kg IBC.

Storage and Shelf Life

When stored in its original unopened packaging at a temperature of between +2°C and +30°C, **BLUESIL EMUL 21610** can be used 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, **Bluestar Silicones** no longer guarantees that the product meets the sales specifications.

Safety

Refer to the safety data sheet for **BLUESIL EMUL 21610**.

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