

Description	BLUESIL FLD 21648 is a medium viscosity amino functionalized siloxane, specially developed for the formulation of elastomeric coatings destined for use in textile applications, waterproofing of substrates, or polishes.
Examples of applications	BLUESIL FLD 21648 confers recovery properties, good softening and low yellowing index. It also gives good water repellence and beading effect to the treated substrate. BLUESIL FLD 21648 can be emulsified into emulsion using typically C13 [EO]6 alcohol ethoxylate surfactants. BLUESIL FLD 21648 can also be used for waterproofing of diverse substrates or in polishes.
Key benefits	The application of the BLUESIL FLD 21648 onto textile surfaces imparts the following properties: <ul style="list-style-type: none"> • Smooth soft hand • Good drape characteristics • Low yellowing • Water repellence • Increased fabric elasticity and recovery • Improved fabric tensile and tear strength • Good durability
Typical properties	<p>Aspect..... Viscous slightly hazy liquid Colour..... Pale to straw yellow Density, approx..... 0.973 Viscosity at 25°C, (mm².sec), approx..... 2000 Amine content (ppm N), approx..... 2200 Soluble in..... Ether, White spirit, Trichloroethylene and Toluene Insoluble inWater, Acetone and Ethanol</p> <p>Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.</p>
Instruction of use	Please consult your local ELKEM SILICONES sales office.
Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none"> • BLUESIL FLD 21648 is available in <ul style="list-style-type: none"> ○ Drum of 200 KG (441 LB)
Storage and shelf life	<p>When stored in its original packaging: BLUESIL FLD 21648 may be stored at temperatures between 2°C / 36°F and 40°C / 104°F for up to 12 months from its date of manufacturing. Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.</p>
Safety	Please consult the Safety Data Sheet of: BLUESIL FLD 21648

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Warning to the users

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