

TEXTUROL 8616



Textiles

DESCRIPTION

Clear fluid oil of mild odour.

APPLICATIONS

Lubrication of continuous filament textured yarns, especially polyester and nylon yarns processed at high speed.

APPLICATION DETAILS

The recommended method of application is by roller and trough on the texturing machine. TEXTUROL 8616 has tacky type anti-splash properties and as such is shear sensitive. The anti-splash properties can therefore be reduced by excessive pumping of the oil. Suggested amount for application:

Nylon yarns	-	1% to 3% oil on the weight of the fibre is recommended
Polyester yarns	-	2% to 5% oil on the weight of the fibre is recommended

PERFORMANCE DATA

- Reduces yarn friction, promoting smooth even running of the yarns in subsequent processing.
- Almost completely eliminates oil splashing in high speed processing, thus reducing oil wastage and oil costs, cleaning costs and hazard due to slippery floors. Atmospheric contamination is also reduced.
- Helps to form a good, stable yarn package, thus facilitating handling of the packages and running of the yarn in later processing.
- Has good anti-static effect.
- Readily taken up by the yarn to give an even oil application.
- A pre-scour or pre-rinse is normally advisable prior to fabric dyeing. The oil is readily removed from fabrics using mild aqueous scouring systems. A scour incorporating non-ionic detergent with alkali is recommended at a liquor temperature not exceeding 60°C. When processing polyester fabrics in jet dyeing machinery a simple water only rinse at 20°C before dyeing is normally sufficient.
- Non-corrosive to the metals normally used in textile machinery.
- TEXTUROL 8616 does not discolour or oxides or otherwise alter its characteristics when yarns or fabrics are stored in oil under normal circumstances.
- Certain types of pump can affect the characteristics of TEXTUROL 8616 to a limited degree. In practice however the small circulating pumps fitted to many types of texturing machinery have been found not to affect the performance of TEXTUROL 8616 to a significant extent.

NOTES

Oil-feed systems - we strongly recommend that the use of zinc galvanized or copper pipework is avoided for oil distribution systems. Stainless steel, or in some cases mild steel, are suitable materials.

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FM 01851 EMS 40717

TEXTUROL 8616



HANDLING AND STORAGE

Store above 5° C. Warm before use.

TYPICAL CHARACTERISTICS AND PROPERTIES

TEXTUROL 8616	TYPICAL RESULT
Colour	Pale Yellow
Viscosity @ 21°C (cSt)	Approx. 31.5
Density @ 15°C (kg/l)	Approx. 0.85
Cloud Point (°C)	< 0
Flash Point (SETA) (°C)	> 132
Ionic Character	Non-ionic
Water Content (%)	Below 1
Shelf Life	7 years in original container stored out of direct sunlight

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