

CONYL DK2



DESCRIPTION

Clear, fluid oil of mild colour.

APPLICATIONS

Lubrication of synthetic continuous filament yarns especially textured yarn intended for knitting but also for flat yarns.

APPLICATION DETAILS

Normally 2% to 4% on weight of yarn. Some users prefer up to 5% on dyed polyester textured yarns. Normally by roller and trough in cone winding or on the texturing machines where suitable oiling equipment is fitted.

PERFORMANCE DATA

- CONYL DK2 imparts low friction to the yarns. In addition to giving low friction, CONYL DK2 is specially formulated to give very even friction, reducing tension variations in winding and knitting. Practical knitting experience has shown that yarns treated with CONYL DK2 give improved knitting with fewer faults.
- CONYL DK2 is specially designed to give good pick up by roller and trough, permitting the use of slow roller speeds, a feature which helps to reduce oil splashing which can be troublesome in high speed cone winding.
- Anti-static when applied in the recommend amounts.
- Scouring - readily removed from synthetic yarns or fabrics using the normal detergent and alkali scours. The use of high temperature (i.e. greater than 60°C) is not necessary or recommended. Since CONYL DK2 is soluble in hydrocarbon and chlorinated hydrocarbon solvents, dry cleaning is suitable as an alternative to aqueous scouring.

NOTES

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

TYPICAL CHARACTERISTICS AND PROPERTIES

CONYL DK2	UNITS	TYPICAL RESULT
Colour		Pale yellow
Viscosity @ 21°C	cSt	Approx. 13.5
Density @ 15°C	kg/l	Approx. 0.860
Cloud Point	°C	< 0
Flash Point	°C	> 132
Shelf Life		7 years in original container stored out of direct sunlight

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