CHT
SMART CHEMISTRY
WITH CHARACTER.

ARRISTAN CPU

Soft, highly elastic polyurethane for textile finishing

ARRISTAN CPU – excellent performance profile

ARRISTAN CPU is a recently developed polyurethane for textile finishing.

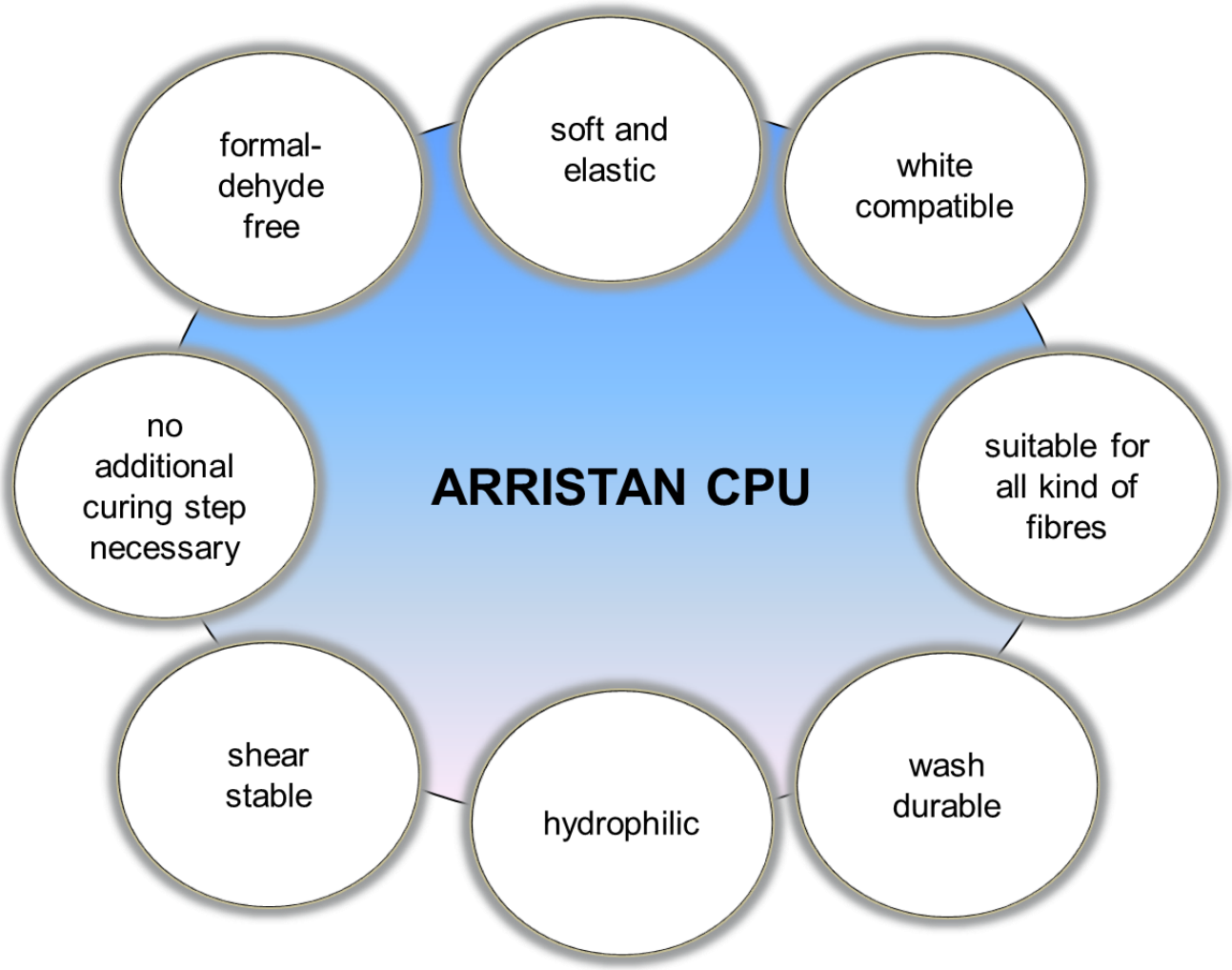
Already at usual industrial drying conditions ARRISTAN CPU forms very soft, highly elastic films. Curing or the addition of special additives as for example catalysts are not necessary and finishing processes can be realised in an energy-efficient way.

In addition ARRISTAN CPU is suitable for formaldehyde-free finishing.

ARRISTAN CPU can be applied by padding and exhaust procedure. It can be applied on jet dyeing machines without problems.

Overall ARRISTAN CPU is characterised by the following excellent performance profile.

Performance profil



ARRISTAN CPU – universally applicable

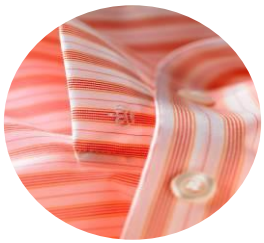
ARRISTAN CPU is a polymeric finishing agent with versatile application possibilities for all kinds of fibres.

ARRISTAN CPU is characterised by very good combination possibilities, as for example in easy care finishing.

Not to forget its good compatibility with selected optical brighteners.

With its film-forming properties ARRISTAN CPU can be applied as binder matrix e.g. for functional finishes

Function



Easy-care

Comfort

Elasticity

Application fields

- Additive for handle and surface modification
- Improvement of abrasion fastness, pilling and snagging properties
- Additive in easy care finishing
- Increased resiliency (e. g. advanced stretch finish)
- Additive for wool finishing (e. g. aftertreatment for felt-free finishing)
- Hydrophilic effect on synthetic fibres (e. g. moisture management finish)
- Binder matrix for functional finishing (e. g. fresh finishing)

Recipe recommendations

Basic recipe (padding procedure)

30 – 60 g/l	**ARRISTAN CPU**
pH value:	5.5
Liquor pick-up:	approx. 70 – 80 %
Drying:	usual industrial conditions

Basic recipe (exhaust procedure)

2 – 4 %	**ARRISTAN CPU**
pH value:	5.5
Liquor ratio:	1:5 – 1:20
Temperature:	40 – 60 °C
Time:	20 min
Drying:	usual industrial conditions

ARRISTAN CPU in the easy-care finishing

30 – 60 g/l	REAKNITT FF
15 – 20 g/l	REAKNITT CAT FS
10 – 20 g/l	POLYAVIN PEN
40 – 60 g/l	**ARRISTAN CPU**
20 – 40 g/l	ARRISTAN 72
Liquor pick-up:	approx. 70 – 80 %
Drying:	usual industrial conditions
Condensate :	3 min at 150 °C or 30 – 60 sec at 170 °C

ARRISTAN CPU to improve the abrasion resistance, pilling, snagging

30 – 80 g/l	**ARRISTAN CPU**
10 – 20 g/l	POLAVIN PEN
5 – 20 g/l	TUBINGAL RNJ optional
pH value:	5.5
Liquor pick-up:	approx. 70 – 80 %
Drying:	usual industrial conditions

AF Finishing
Technical Service
Tel. +49 7071 154-0
finishing@cht.com

CHT Germany GmbH
Bismarckstraße 102
72072 Tübingen
www.cht.com