

LAMBICOL PAN 60

SYNTHETIC THICKENER FOR TEXTILE PRINTING

Chemical composition:

Oil / water emulsion of polyacrylic acid derivates

Chemical and Physical characteristics:

Aspect	Medium viscosity fluid
Colour	Opaque
Smell	Characteristic of ammonia
pH	8.5 – 9.5
Ionic character	Anionic / non ionic

Properties and application:

LAMBICOL PAN 60 is fully neutralized synthetic thickener. Its physical aspect is a medium viscosity fluid, easily dissolvable in water

LAMBICOL PAN 60, is used to prepare stock and reduction pastes for direct printing with pigments. It can be used either in fully water based recipe or with a small amount of white spirit.

LAMBICOL PAN 60 can be used from 30 up to 36 g/kg in accordance with the hardness of water, type and quantity of binder and quantity of the other auxiliaries. The main characteristics of LAMBICOL PAN 60 are

- Complete swelling in a short time;
- Absence of residues of polymer undissolved
- Low viscosity development product
- Very low electrolytes sensitivity

In order to develop the thickening power of the LAMBICOL PAN 60, we advice to add the product in water as first, before the other auxiliaries and stir for about 10 minutes.

Due to its characteristics, the LAMBICOL PAN 60 can be mainly used to print either woven fabric (cotton and its blend) and knitt on rotary printing.

The main properties of pastes prepared with LAMBICOL PAN 60 are:

- Printing on surface of the fabrics
- Very good levelness on knitted fabric
- Good colour yield and brightness of the printing

Therefore the LAMBICOL PAN 60 can be also used as a viscosity modifier of printing pastes already coloured. For this purpose it is advisable to add the product slowly under stirring, until the viscosity requested has been obtained.

It is necessary to take in consideration that even if the LAMBICOL PAN 60 is a neutralized product (theoretically ammonia is not necessary) pastes stocked for a long time, may reduce the pH due to the high volatility of ammonia. In order to avoid this behaviour, it is advisable to add to the pastes 1 - 2 g/kg of ammonia during the preparation.

Instruction for use:

Indicative recipe:

Water	g/kg	q.b.
LAMBICOL PAN 60	"	30 - 36
NEOPRINT BINDER L45	"	150
SILENIL S	"	20
LERISENE VHF	"	10

	g	1.000

Printing, drying and curing at 160°C for 3 minutes.

Storage and packing:

Storage : If stored under normal conditions, the product is stable for 6 month.
 Protect it from frost and keep away from heat

Package: Plastic drum of Kg. 120 - Plastic tank of Kg.1050

Notes: Before the usage of our products in bulk conditions, we advice to carry out some tests in order to evaluate if the product reach customer requirements. As many anionic chemicals, this product it is not compatible with any cationic products.