



Viscolam®

// Synthetic thickeners for textile printing //



**lamberti**  
chemical specialties



Product	Ionic character	pH (printing paste)	Appearance	Dosage g/kg	Printing paste viscosity	Description
<b>PIGMENT PRINTING LOW VOC</b>						
VISCOLAM® CMD	AN	8 - 9	Whitish liquid	28 - 29	25 - 27000	Low viscosity fully neutralized synthetic thickener for pigment printing
VISCOLAM® 702	AN	8 - 9 (with Ammonia)	Whitish powder	11 - 12	20 - 25000	High viscosity partially neutralized synthetic thickener for pigment printing
<b>PIGMENT PRINTING</b>						
VISCOLAM® CMD35	AN	8 - 9	Whitish liquid	22 - 23	25 - 27000	Medium viscosity fully neutralized synthetic thickener for pigment printing
VISCOLAM® CMD50	AN	8 - 9 (with Ammonia)	Whitish liquid	13 - 14	23 - 25000	High viscosity partially neutralized synthetic thickener for pigment printing
VISCOLAM® CMD50/N	AN	8 - 9	Whitish liquid	14 - 15	20 - 25000	High viscosity fully neutralized synthetic thickener for pigment printing
<b>VISCOSITY MODIFIER</b>						
VISCOLAM® LAW/N	AN	8 - 9	Whitish liquid	5 - 10	20 - 25000	Auxiliary thickener fully neutralized mainly developed to be used together with primary thickeners in order to improve printing sharpness on Polyester and Pes/Co
<b>EMULSIFIER AGENT</b>						
LAMBICOL 630 New	NI	6 - 8	Clear liquid	3 - 5	-	Product based on ethoxylated fatty alcohol. LAMBICOL 630 New improves printability of the printing paste, avoiding screen blocking, and it provides better wash of the screens

<b>INDICATIVE RECIPES</b>		
	<b>g/kg</b>	<b>g/kg</b>
Water	Up to volume	Up to volume
DEFOMEX SE/47 (defoamer)	2	2
VISCOLAM® Range	X (refer to product TDS)	X (refer to product TDS)
SIPACRIL CP 29 (binder)	120 - 150	120 - 150
SILENIL MX/N (softener)	15 - 25	15 - 25
VISCOLAM® LAW/N	-	5 - 10



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<b>REACTIVE PRINTING</b>						
VISCOLAM® R17	AN	8 - 10.5	Whitish liquid	45 - 50	10 - 15000	Synthetic thickener for reactive dyes printing
VISCOLAM® CM	AN	8 - 10.5	Whitish fluid	40 - 45	10 - 17000	Blend of synthetic and natural thickener in liquid/powder form
VISCOLAM® CM 8	AN	8 - 10.5	Whitish fluid	52 - 56	10 - 17000	Blend of synthetic and natural thickener in liquid/powder form

<b>INDICATIVE RECIPES (REACTIVE PRINTING)</b>		
	<b>g/kg (cotton)</b>	<b>g/kg (viscose)</b>
Water	Up to volume	Up to volume
Urea	80 - 100	150 - 180
Resist salt	10	20
Alkali	25 - 35	25 - 35
VISCOLAM® Range	X (refer to product TDS)	X (refer to product TDS)

Product	Ionic character	pH (printing paste)	Appearance	Dosage g/kg	Printing paste viscosity <sup>(2)</sup>	Description
<b>DISPERSE PRINTING</b>						
VISCOLAM® R18	AN	5.5 - 7	Whitish liquid	25 - 45 <sup>(1)</sup>	10 - 15000	Synthetic thickener for disperse dyes printing

<sup>(1)</sup> According to the amount of dyes

<sup>(2)</sup> Paste made with VISCOLAM® R18 doesn't need any acid donor

## Lamberti in the World

### EUROPE

#### Italy

Gallarate  
(Headquarters &  
Commercial Offices)

Albizzate  
(Main production facilities,  
Technological research center)

Fiorano Modenese  
Nerviano  
Rezzato  
Trissino  
Viguzzolo  
Zanica

#### France

Liergues

#### Germany

Bammental

#### Poland

Tomaszów Mazowiecki

#### Russia

Moscow

#### Spain

Onda (Castellón)

#### Turkey

Istanbul

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#### South Africa

Westmead

### ASIA

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Hong Kong  
Shanghai

#### India

Rajkot

#### Indonesia

Bekasi

#### South Korea

Gunpo  
Seoul

#### United Arab Emirates

Dubai

### AMERICAS

#### Argentina

Buenos Aires

#### Brazil

Nova Odessa

#### Canada

Red Deer

#### Colombia

Bogotá

#### Mexico

Querétaro

#### United States

Chattanooga  
Conroe  
Conshohocken  
Hungerford  
Waukegan

### Lamberti Group Headquarters

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