

AITEX has performed the test requests by S.T. CORPORATION on the sample referenced: **"NBR UNLINED GLOVES G-340 GREEN"**. According to the test methods the results obtained are reflected in the AITEX report **2016TM0133**. The following table summarizes the results:

Overall Migration Test (OM)	Standard	3rd Migration results (mg/dm²)		Requirement (mg/dm²)
Simulant B_ Overall migration in Acetic acid 3% (w/v)	UNE-EN 1186:9-2002	5,5 ± 0,6		10 ± 1 ^(a)
Simulant D1_ Overall migration in ethanol 50% (v/v)	UNE-EN 1186:9-2002	1,2 ± 0,1		10 ± 1 ^(a)
Simulant D2_ Overall migration in vegetal oil	UNE-EN 1186:8-2002	<1		10 ± 3 ^(a)
Specific Migration Test (SM)	Standard	3rd Migration results (mg/Kg)		Requirement (mg/kg)
Primary aromatic amines	Based on LMGB § 35 L 00.00-6:1995/Cor:2002)	< 0.01		0.01 ^(a)
Metals	In-house method by ICP-MS	Ba	< 0.02	1 ^(a)
		Co	< 0.02	0.05 ^(a)
		Cu	< 1	5 ^(a)
		Fe	<1	48 ^(a)
		Li	<0.02	0.6 ^(a)
		Mn	< 0.02	0.6 ^(a)
		Zn	3,3 ± 0,6	25 ^(a)
Formadehyde	Based on UNE-CEN/TS 13130-23:2007 EX	< 1		3 ^(b)
Acrylonitrile monomer	Based on UNE-CEN/TS 13130-3:2005	< 0.01		0.01 ^(a)
1,3-Butadiene monomer	Based on CEN/TS 13130-15 :2005	< 0.01		0.01 ^{(a) (b)}
Zn-Dibutyldithiocarbamate	In-house method by LC-MS	< 0.05		0.1 ^(b)

Other Test	Standard	Results		Requirement
Release of N-nitrosamines and N-nitrosables	UNE-EN 12868:2002	N-nitrosamines	< 0.01 mg/Kg	0.01 mg/Kg ^(b)
		N-nitrosables	< 0.1 mg/Kg	0.1 mg/Kg ^(b)
Colour fastness	Based on UNE-EN 646:2006	Very good – excelent in all food simulants		Grade 5 Very good – excelent ^(c)
Zinc and Lead total content	In-house method (acid digestion and ICP-MS)	Zinc	1.15%	3% ^(b)
		Lead	< 0.0025%	0.003% ^(b)
Transfer antimicrobial constituents	Based on UNE-EN 1104:2006	<i>Bacillus subtilis</i>	No inhibition zone	Not contained substances to obtain an intended antimicrobial proofing ^(b)
		<i>Aspergillus niger</i>	No inhibition zone	Not contained substances to obtain an intended antimicrobial proofing ^(b)

Remarks:

^(a) According to Regulation (EU) n° 10/2011 of the Commission of 14 January 2011.

^(b) According to BfR Recommendation XXI 'Commodities based on Natural and Synthetic Rubber'.

^(c) According to BfR Recommendation XXXVI 'Paper and board for food contact'.

AITEX has performed the test requests by S.T. CORPORATION on the sample referenced: **"NBR UNLINED GLOVES G-360 WHITE"**. According to the test methods the results obtained are reflected in the AITEX report **2016TM0133**. The following table summarizes the results:

Overall Migration Test (OM)	Standard	3rd Migration results (mg/dm ²)		Requirement (mg/dm ²)
Simulant D1_ Overall migration in ethanol 50% (v/v)	UNE-EN 1186:9-2002	1,2 ± 0,1		10 ± 1 ^(a)
Specific Migration Test (SM)	Standard	3rd Migration results (mg/Kg)		Requirement (mg/Kg)
Primary aromatic amines*	Based on LMGB § 35 L 00.00-6:1995/Cor:2002)	< 0.01		0.01 ^(a)
Metals*	In-house method by ICP-MS	Ba	< 0.02	1 ^(a)
		Co	< 0.02	0.05 ^(a)
		Cu	< 1	5 ^(a)
		Fe	<1	48 ^(a)
		Li	<0.02	0.6 ^(a)
		Mn	< 0.02	0.6 ^(a)
		Zn	3,3 ± 0,6	25 ^(a)
Other Test	Standard	Results		Requirement
Colour fastness*	Based on UNE-EN 646:2006	Very good – excellent in all food simulants		Grade 5. Very good – excellent ^(c)

Remarks:

^(a) According to Regulation (EU) n° 10/2011 of the Commission of 14 January 2011.

^(b) According to BfR Recommendation XXI 'Commodities based on Natural and Synthetic Rubber'

^(c) According to BfR Recommendation XXXVI 'Paper and board for food contact'.