

Rapport d'essais *Test report*

Rouen, le 25 janvier 2021
 CL20-03008 Révision 02
 Page 1 sur 6

Produit / Product : POLYURETHANE PAINT /
 GLOMA_FOOD
Commande /Order : agreement of the estimate DC20-02210
 revision 1
Reçu le / Received : 10/07/2020
Devis / Price offer : DC20-02210 revision 1

**GLOMA - COMÉRCIO, INDÚSTRIA E
 REPRESENTAÇÕES
 DE PINTURAS ECOLOGICAS, LDA**
 Rua 10 de Junho, 36
 Lugar do Outeiro
 4485-010 AVELEDA VCD
 PORTUGAL



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Tests ou conformité demandés <i>Tests requested / Standards</i>	Conclusion <i>Conclusion</i>
Conformité sur matériaux plastifiés selon Règlement 10/2011/CE (et modifs) + Fiche DGCCRF matériaux organiques (matières synthétiques) <i>Compliance on plasticized materials according to the 10/2011/EC Regulation (and modifs) + French DGCCRF organic materials (synthetic matters) file</i>	Conforme PASS
Aptitude au contact alimentaire : Règlement 1935/2004/CE art. 3, décret 2007/766 uniquement pour les essais réalisés et sur les parties testées <i>Food contact compliance : 1935/2004/CE regulation art. 3, 2007/766 Decree only on items tested and for analysis performed</i>	Conforme PASS

Les Incertitudes de mesure ne sont pas prises en compte pour conclure sur la conformité des analyses sauf demande spécifique du client
 Uncertainties are not taken into account to define compliance on analysis except on specific customer request

Christelle FRANCONVILLE Expert Technique Chimie-Contact Alimentaire <i>Chemistry-Food contact Technical Expert</i>	Tel. :	
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(1) Test subcontracted in a SGS Laboratory. (2) Test subcontracted in a partner laboratory outside SGS group.
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Company name : GLOMA - COMÉRCIO,
 INDÚSTRIA E REPRESENTAÇÕES DE PINTURAS ECOLÓGICAS, LDA
 NIF: 504732048
 Adress: Rua 10 de Junho, 36 - Lugar do Outeiro, 4485-010 AVELEDA VCD, Portugal

Début des essais / beginning of tests : 28-08-2020
 Fin des essais / end of tests : 08-09-2020

Ces essais ont été réalisés dans un des laboratoires du groupe SGS.
 Tests have been performed in another SGS laboratory.

Ratio followed for recalculated specific migrations: 0,6dm² / 100ml

Migration spécifique : amines aromatiques primaires (1)
1st specific migration : primary aromatic amines (1)

selon EN13130-1 (1 essai \1 simulant) -
 DIN 55610 + Règl.10/2011/CE (modifs)
 -Annexe II

		CL20-03008.001		
		POLYURETHANE PAINT		
	Limites <i>Limits</i>	Résultats <i>Results</i>		
Simulant <i>Simulant</i>		Acide acétique 3%		
Durée de migration <i>Migration duration</i>		2h		
Température de migration <i>Migration temperature</i>		70 °C		
1ère migration en AAP <i>1st specific PAA migration</i>	< 0,01 mg/kg	<0,01 mg/kg		
Conclusion <i>Conclusion</i>		Conforme <i>Pass</i>		

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Migration de 9 métaux dans les plastiques (1)
specific migration of 9 heavy metals on plastics (1)

selon EN13130-1 (1 essai \1 simulant)
 +Règlement 10/2011/CE (modif) -
 Annexe II (modifs)

		CL20-03008.001		
		POLYURETHANE PAINT		
	Limites <i>Limits</i>	Résultats <i>Results</i>		
Simulant <i>Simulant</i>		Acide acétique 3%		
Temps de migration <i>Migration time</i>		2h		
Température de migration <i>Migration temperature</i>		70 °C		
Migration de l'aluminium <i>Aluminium migration</i>	< 1 mg/kg	<0,25 mg/kg		
Migration du baryum <i>Barium migration</i>	< 1 mg/kg	<0,25 mg/kg		
Migration du cobalt <i>Cobalt migration</i>	< 0,05 mg/kg	<0,03 mg/kg		
Migration du cuivre <i>Copper migration</i>	< 5 mg/kg	<0,25 mg/kg		
Migration du fer <i>iron migration</i>	< 48 mg/kg	<5 mg/kg		
Migration du lithium <i>lithium migration</i>	< 0,6 mg/kg	<0,5 mg/kg		
Migration du manganèse <i>manganese migration</i>	< 0,6 mg/kg	<0,25 mg/kg		
Migration du Nickel <i>nickel migration</i>	< 0,02 mg/kg	<0,02 mg/kg		
Migration du zinc <i>zinc migration</i>	< 5 mg/kg	<0,5 mg/kg		
Conclusion <i>Conclusion</i>		Conforme <i>Pass</i>		

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Migrations globales successives : Acide acétique 3% (1)
Overall successive migrations : 3% acetic acid (1)
Règlement 10/2011/CE (et modifs) - NF EN 1186

		CL20-03008.001		
		POLYURETHANE PAINT		
	Limites <i>Limits</i>	Résultats <i>Results</i>		
Méthode <i>Method</i>		1186-3_Immersion (A)		
Durée de la Migration <i>Migration time</i>		2h (x3)		
Température de Migration <i>Migration Temperature</i>		70 °C		
Résultat de 3ème migration <i>Result from 3rd migration</i>	< 10mg/dm ²	<3 mg/dm ²		
Conclusion <i>Conclusion</i>		Conforme <i>Pass</i>		

Migrations globales successives : Ethanol 10% (1)
Overall successive migrations : 10% ethanol (1)
Règlement 10/2011/CE (et modifs) - NF EN 1186

		CL20-03008.001		
		POLYURETHANE PAINT		
	Limites <i>Limits</i>	Résultats <i>Results</i>		
Méthode <i>Method</i>		1186-3_Immersion (A)		
Durée de la Migration <i>Migration time</i>		2h (x3)		
Température de Migration <i>Migration Temperature</i>		70 °C		
Résultat de 3ème migration <i>Result from 3rd migration</i>	< 10mg/dm ²	<3 mg/dm ²		
Conclusion <i>Conclusion</i>		Conforme <i>Pass</i>		

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Migrations globales successives : Ethanol 95% (1)
Successive overall migrations : 95% ethanol (1)

Règlement 10/2011/CE (et modifs) - NF
 EN 1186-14

		CL20-03008.001		
		POLYURETHANE PAINT		
	Limites <i>Limits</i>	Résultats <i>Results</i>		
Méthode <i>Method</i>		1186-14_Simulant substitution		
Durée de la Migration <i>Migration time</i>		2h (x3)		
Température de Migration <i>Migration Temperature</i>		60 °C		
Coefficient de réduction <i>Reduction coefficient</i>		1,0		
Résultat de 3ème migration <i>Result from 3rd migration</i>	< 10mg/dm ²	<3 mg/dm ²		
Conclusion <i>Conclusion</i>		Conforme <i>Pass</i>		

Migrations globales successives : Isooctane (1)
Successive overall migrations : Isooctane (1)

Règlement 10/2011/CE (et modifs) - NF
 EN 1186-14

		CL20-03008.001		
		POLYURETHANE PAINT		
	Limites <i>Limits</i>	Résultats <i>Results</i>		
Méthode <i>Method</i>		1186-14_Simulant substitution		
Durée de la Migration <i>Migration time</i>		0,5h (x3)		
Température de Migration <i>Migration Temperature</i>		40 °C		
Coefficient de réduction <i>Reduction coefficient</i>		1,0		
Résultat de 3ème migration <i>Result from 3rd migration</i>	< 10mg/dm ²	<3 mg/dm ²		
Conclusion <i>Conclusion</i>		Conforme <i>Pass</i>		

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NOTE 1 :

Notre conclusion **"Conforme **"**, quant aux tests de migration globale, tient compte des tolérances analytiques réglementaires telles,

*Our "Pass **" conclusion, about overall migration tests, takes into account the standardized analytical tolerances as,*

10 mg/dm² avec une tolérance de 2 mg/dm² pour les simulants aqueux ou 3 mg/dm² pour les simulants gras

10 mg/dm² with 2 mg/dm² tolerance for aqueous simulants or 3 mg/dm² for fatty food simulants

60 mg/kg avec une tolérance de 12 mg/kg pour les simulants aqueux ou 20 mg/kg pour les simulants gras

60 mg/kg with 12 mg/kg tolerance for aqueous simulants or 20 mg/kg for fatty food simulants

NOTE 2 :

L'aptitude au contact alimentaire est établie sous réserve du respect des listes de substances autorisées, à savoir leurs utilisations et leurs spécifications et/ou restrictions le cas échéant, par des réglementations Européennes existantes et celles nationales appliquées pour la fabrication des matériaux au contact.

Food contact compliance is declared subject to European and National authorised substances list respect, i.e. use and specifications and/or limitations for foodcontact materials manufacturing.

Révisions / Revisions :

- | | |
|----|---|
| 01 | Revision 01 : SGS mention removed from Order line (in 1st page) |
| 02 | Revision 02 : from company name, and contact person removed |

*** Fin du rapport ***

*** End of Report ***