



avenue Pierre Holoffe 21
BE-1342 Limelette (Belgium)
Phone +32/2.652.22.49
Fax +32/2.653.95.03
E-mail technology@cori-coatings.be
T.V.A./B.T.W. BE 407.593.208
Fortis 271-0463228-85

Onward Chemicals
att. M. Pradeep Dalal
G 10/11 Creative Estate
NM Joshi Marg.
Lower Parel (E)
Mumbai 400 011
INDIA

TEST REPORT

ES110705.b p. 1/3

IDENTIFICATION NUMBER: ES-110705.b

DATE: 14.7.2011

LABORATORY: Coatings Research Institute
Avenue P. Holoffe
1342 LIMELETTE

CUSTOMER: Onward Chemicals
att. M. Pradeep Dalal
G 10/11 Creative Estate
NM Joshi Marg.
Lower Parel (E)
Mumbai 400 011
INDIA

REFERENCE ORDER: Your order OCPL/G-002 dd. 31.05.2011

DATE OF RECEPTION OF THE SAMPLES: 17.6.2011

NUMBER OF THE RECEPTION DOCUMENT: ES/7284

SAMPLES: Drop-on Glass Beads Instaglo Batch 10654

TEST(S) AND METHOD(S):

Granulometry.

Realized following ISO 2591-1 (1988): "Test sieving- Part 1: Methods using test sieves of woven wire cloth and perforated metal plate"
The sieving is realized dry and manually
Sieves used: 850 - 600 - 300 - 180 μ m

Refraction index ()*

Realized following EN 1423 - attachment A (1997) + add. 1 (2003) "Road marking materials. Drop on materials. Glass beads, antiskid aggregates and mixtures of the two"
Realized by the University of Liège - Laboratory of Mineralogy.

(*): not covered by accreditation

TEST REPORT

ES110705.b p. 2/3

DATE OF EXECUTION OF THE TESTS: June 2011

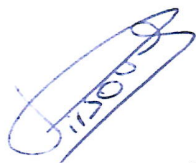
RESULTS:

Granulometry

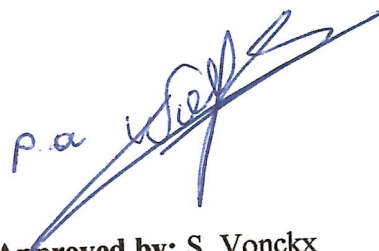
See page 3

Refraction index

The majority of the glass beads have a refraction index between 1,512 and 1,516 but 10 % of the glass beads have a refraction index between 1,510 and 1,512 and 5 % of the glass beads have a refraction index between 1,516 and 1,518
See the test report of Ulg dd. 13.07.2011 in attachment



Performed by: V. Pirsoul



Approved by: S. Vonckx

!!!!!!! Samples will be stored at CoRI during 6 months and then removed in accordance with the waste legislation, unless you make an appeal to prolongate this period or you recall the samples yourself (on charge of the customer).

- * This test report concerns only the samples subjected to these tests
- * This test report can not be copied partially without the written permission of the CoRI

DOCUMGEN.002

TEST REPORT

ES110705.b p. 3/3

RESULTS:

Granulometry

Sieve (μm)	1 st test			2 nd test			Mean	
	Weight (g)	Retained mass (%)	Cumulative retained mass (%)	Weight (g)	Retained mass (%)	Cumulative retained mass (%)	Retained mass (%)	Cumulative retained mass (%)
850	0,083	0,09	0,09	0,070	0,09	0,09	0,09	0,09
600	16,823	17,57	17,65	13,764	18,19	18,28	17,84	17,93
300	62,456	65,21	82,87	48,780	64,46	82,74	64,88	82,81
180	14,588	15,23	98,10	12,065	15,94	98,68	15,55	98,35
Bottom	1,822	1,90	100,00	1,001	1,32	100,00	1,65	100,00
TOTAL	95,772	/	/	75,680	/	/	/	/
Initial weight	96,062	/	/	76,002	/	/	/	/
Ratio \Rightarrow	99,70 %	/	/	99,58 %	/	/	/	/

11/11/2025