

Herning 22.07.2022

## ege testcertificate

<b>Subject:</b>	<b>Light Reflectance</b>
<b>Reference No.:</b>	1937
<b>Reference:</b>	Eco Profile
<b>Description of sample:</b>	Eco Profile Standard colors Woven loop pile
<b>Testing atmosphere</b>	Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles EN ISO 139:2005 of $65 \pm 4$ % R.H. and $20 \pm 2$ °C.

### Background

LRV is an instrumental measurement made using a spectrophotometer.

It is equivalent to CIE Y and is the proportion of visible light reflected by a surface, weighted for the sensitivity to light of the human eye.

LRV is expressed on a scale of 0-100 where absolute white has a value of 100 and absolute black has a value of 0. In practice white may be about 85 and black about 6.

For people with adequate vision, difference in hue or chroma (colour intensity), provide sufficient visual contrast. But for people who are visually impaired the main feature of a surface which determines the ability to identify differences in colour is the amount of light the surface reflects, or it's LRV.

### Test procedure

The light reflectance value for the sample was determined using a Chroma Meter reflectance spectrophotometer with a large area CR-410 measuring head.

The sample was subjected to measurements and viewed at 0° with illuminant C. The light reflectance was determined using CIE Y, according to BS 8493:2008.

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egetæpper a/s  
Industrivej Nord 25  
Postbox 190  
DK-7400 Herning

Tel: +45 97 11 88 11  
Fax: +45 97 11 95 80

ege@ege.dk  
www.egecarpets.com

CVR 38 45 42 18

**Test results CIE Y :**

**Ecotrust**

Color ref	Result	Color ref	Result
090319548	4,84	090371048	17,32
090326048	10,21	090372548	11,20
090333548	8,04	090374548	9,01
090335048	8,90	090376048	6,14
090337548	5,70	090376548	5,97
090349048	5,01	090377548	5,95
090359548	4,86	090379548	3,98
090364048	13,62	090380548	3,58

**Broadloom**

Color ref	Result	Color ref	Result
0903195	4,84	0903710	17,32
0903260	10,21	0903725	11,20
0903335	8,04	0903745	9,01
0903350	8,90	0903760	6,14
0903375	5,70	0903765	5,97
0903490	5,01	0903775	5,95
0903595	4,86	0903795	3,98
0903640	13,62	0903805	3,58

*The information contained on page no 1-2 of this certificate is hereby certified to be correct statement of the tests and investigations carried out by ege testlaboratory on the material referred to.*

Signed by

Reported By



Dorthe Daa Pedersen  
Laboratory Technician

Henrik Schmidt Hansen  
Group CSR Director