

Herning 22.01.2019

## ege testcertificate

<b>Subject:</b>	<b>Light Reflectance</b>
<b>Reference No.:</b>	1185
<b>Reference:</b>	Epoca Knit
<b>Description of sample:</b>	Epoca Knit 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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CVR 38 45 42 18

**Test results CIE Y :**

**Ecotrust**

085619548	4,74
085626048	10,23
085633548	8,34
085635048	9,37
085637548	5,85
085649048	4,91
085659548	4,90
085664048	13,67
085671048	17,13
085672548	11,53
085674548	9,32
085676048	6,31
085676548	6,19
085677548	6,11
085679548	4,32
085680548	4,01

**Broadloom**

0857195	4,74
0857260	10,23
0857335	8,34
0857350	9,37
0857375	5,85
0857490	4,91
0857595	4,90
0857640	13,67
0857710	17,13
0857725	11,53
0857745	9,32
0857760	6,31
0857765	6,19
0857775	6,11
0857795	4,32
0857805	4,01

*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



Dorthe Daa Pedersen  
Laboratory Technician

Reported By



Henrik Schmidt Hansen  
Group CSR Director

