

Herning 26.07.2022

ege testcertificate

Subject:	Light Reflectance
Reference No.:	1937
Reference:	Eco Pro
Description of sample:	Standard colors
Testing atmosphere	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 ± 4 % R.H. and 20 ± 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.

Test results CIE Y :

Eco Pro Broadloom

Color ref	Result	Color ref	Result
0911110	10,74	0911545	9,70
0911120	10,10	0911550	9,08
0911130	7,39	0911560	7,25
0911150	4,77	0911570	4,76
0911180	4,66	0911580	4,60
0911200	26,85	0911585	4,29
0911210	16,69	0911590	3,99
0911230	14,64	0911620	34,01
0911260	15,31	0911650	24,33
0911320	23,23	0911700	20,47
0911330	14,05	0911705	15,98
0911340	12,21	0911707	14,09
0911350	10,28	0911710	15,10
0911360	8,60	0911715	10,10
0911370	8,29	0911720	7,86
0911380	7,55	0911730	8,05
0911390	5,69	0911740	7,96
0911410	12,57	0911770	5,44
0911420	7,28	0911780	6,99
0911440	7,31	0911805	3,82
0911450	5,62	0911810	20,70
0911480	4,95	0911820	16,71
0911505	23,54	0911850	10,06
0911510	18,02	0911870	5,14
0907520	12,41	0907890	4,25
0907530	15,14	0907910	19,31
0907535	12,98	0907920	15,95
0907540	10,21	0907940	12,00

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 test laboratory on the material referred to.

Signed by

Reported By



Dorthe Daa Pedersen
Laboratory Technician



Henrik Schmidt Hansen
QUALITY & ENVIRONMENTAL DIRECTOR