

Herning, 29 August 2018

ege testcertificate

Subject:	Light Reflectance
Reference No.:	1029
Reference:	Epoca Texture
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.

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CVR 38 45 42 18

Test results CIE Y :

Broadloom

Color ref	Result	Color ref	Result
0573 135	9,88	0573 545	2,90
0573 185	3,55	0573 595	2,23
0573 195	3,23	0573 635	10,31
0573 245	23,64	0573 710	36,24
0573 315	17,54	0573 715	30,69
0573 340	7,99	0573 725	11,42
0573 350	5,26	0573 760	6,20
0573 370	4,11	0573 765	2,60
0573 415	6,14	0573 800	1,94
0573 420	10,16	0573 875	3,43
0573 450	4,63	-	-
0573 460	4,60	-	-
0573 515	17,22	-	-
0573 540	4,89	-	-

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



Sergiy Veretennikov
Laboratory Technician

Reported By



Henrik Schmidt Hansen
Director/CSO – Chief Sustainability
Officer