

Test Result

High-visibility clothing - Test methods and requirements

EN ISO 20471:2013+A1:2016

Clause 5.1 Colour Performance Requirements of New Material

(EN ISO 20471:2013+A1:2016, Clause 7.2)

-	Unit	A
Chromaticity coordinates, x value	-	0.607
Chromaticity coordinates, y value	-	0.332
Luminance Factor, β	-	0.34

Conclusion: Pass

Remark:

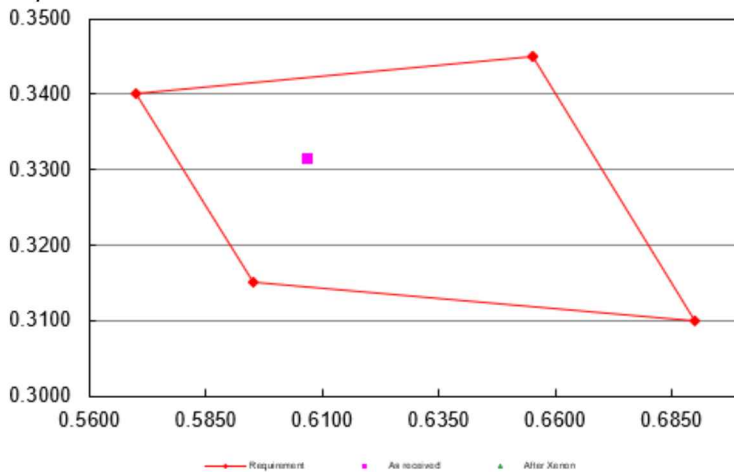
The chromaticity coordinates and the luminance factor shall comply with the requirement as below. The chromaticity shall be within one of the areas and the luminance factor shall comply with the corresponding minimum value.

Fluorescent red:

Chromaticity coordinates x/y: 0.655/0.345, 0.570/0.340, 0.595/0.315, 0.690/0.310.

Minimum luminance factor β_{min} : 0.25

Graphs:



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Clause 5.2 Colour Performance Requirements of Materials after Xenon Test

(EN ISO 20471:2013+A1:2016, Clause 7.2)

	Unit	A
Chromaticity coordinates, x value	-	0.581
Chromaticity coordinates, y value	-	0.347
Luminance Factor, β	-	0.43

Conclusion: Pass

Remark:

1. The chromaticity coordinates and the luminance factor shall comply with the requirement as below. The chromaticity shall be within one of the areas and the luminance factor shall comply with the corresponding minimum value.

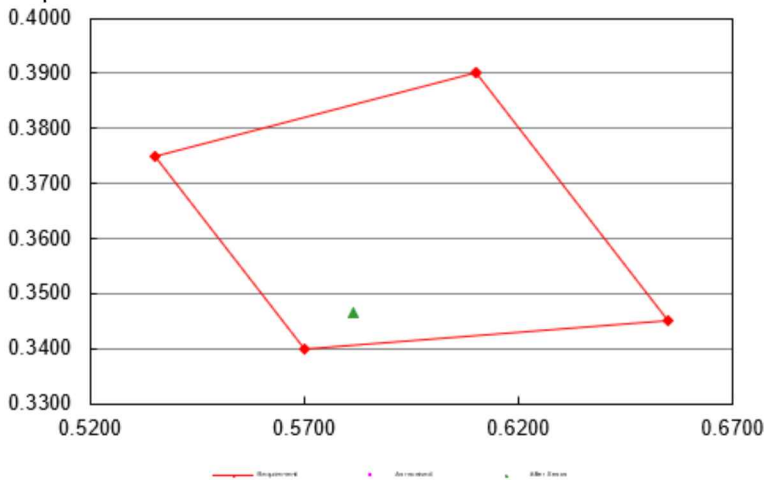
Fluorescent orange-red:

Chromaticity coordinates x/y: 0.610/0.390, 0.535/0.375, 0.570/0.340, 0.655/0.345.

Minimum luminance factor β_{min} : 0.40

2. The chromaticity of after xenon test comply with the corresponding minimum value of “fluorescent orange-red”, while client claimed color is “fluorescent red”. This shall be mentioned in the product instruction for use.

Graphs:



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