ORALITE® 5238M

Prismatic Economy Grade

ORALITE® 5238M Prismatic Economy Grade is a microprismatic reflective film for the simple and efficient production of foldable signals. This robust monolayer film is impact-resistant, durable and easy to clean.

Reflective Properties

Reflective Technology: Prismatic , Reflectivity classes: RA2, Reflective film structure: C, Metalisation: yes, Reflection norm: ORALITE 5238 - Tabelle 1, ORALITE 5238 - Tabelle 2

Areas of Application

- Construction site safety
- Construction sites

Colours

ORALITE® 5238M is available in the following colours: White (F010)

Total thickness

- 0.35 mm (Average value)

Front material

Premium PVC film

Technical properties

RESISTANCE		
Durability	3 Year(s)	with professional processing, vertical outdoor exposure, central European normal climate
Shelf Life	1 Year(s)	in original packaging, at 20 °C and 50 % relative humidity
PROCESSING		
Recommended printing procedure	Screen printing	

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Table 1 - Specific coefficient of retroreflection R' in cd / (lx m²) [Typical values] (New condition; CIE standard illuminant A, CIE Nr. 54)

Observation Angle		0.20°		0.33°	
Entrance angle		5°	30°	5°	30°
White	(010)	70	30	60	25
Yellow	(020)	50	21	42	18

Table 2 - Chromaticity coordinates (Colour specification limits at daylight; New condition; CIE No. 15.2, EN 12899-1)

Colours		1		2		3		4		Luminance factor β
		x	y	x	y	x	y	x	y	
White	(010)	0.305	0.315	0.335	0.345	0.325	0.355	0.295	0.325	≥ 0.35
Yellow	(020)	0.494	0.505	0.470	0.480	0.513	0.437	0.545	0.454	≥ 0.27

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