



S130/3 – REFLECTOR DIFFUSE

TECHNICAL DATA

FINISHING	Brightened and anodized	
ALLOY	5005 – Al-Mg1	EN 573-3

MECHANICAL VALUES

	Required	Standards
TEMPER	H 14	EN 515
MINIMUM TENSILE STRENGTH Rm	145-185 N/mm ²	EN 485-2
MINIMUM YIELD STRENGTH Rp 0.2	120 N/mm ²	EN 485-2
MINIMUM ELONGATION A ₅ A ₁₀	2 %	EN 485-2

OPTICAL VALUES

	Typical	Range	Standards
TOTAL REFLECTANCE	82 %	81-83 %	ASTM E 1651 (Technidyne TR2) DIN 5036-3 (Ulbricht Globe)
DIFFUSE REFLECTANCE	80 %	78-82 %	DIN 5036-3 (Ulbricht Globe)
SPECULAR REFLECTANCE - along (60° head)	30 %	26-34 %	ISO 7668 (Refl. BYK micro tri-gloss)
SPECULAR REFLECTANCE - across (60° head)	9 %	6-12 %	ISO 7668 (Refl. BYK micro tri-gloss)
IRIDESCENCE	V	V	INTERNAL

NOTE : Iridescence internal classification N = normal , L = low , V = very low , G = no iridescence

PROTECTIVE TAPE	PE 50 µm glue basis - caoutchouc
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Above information is based on up-to-date results. Values are measured on 0.4 mm metal in natural colour.

Physical characteristics of the materials are in accordance with EN (European Committee for Standardization).



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