

RefMat No 24



Included in
COMAR Database:
Green 1 --> YES
Blue 0 --> NO

Category 1 Periodic Step

Category 2

Category 3

Category 4

Category 5

Type_of_RefMat: RM

Name of RM: 1D grating pitch standard

Description 1D grating pitch standard, still R&D ?
from INMS, NRC/IMS;
Line width roughness and cross sectional characterization of sub-50 nm structures using CD-SAXS and CD-SEM

Link <http://www.nist.gov/sigmaxi/2008%20Posters/39.%20CWang%20Sigma%20Xi%202008.htm>

Certified Quantities

| | | | | | | |
|------------------------|-----------|------|----|-------------|--|--|
| Ra (average roughness) | MeanValue | 150 | nm | Uncertainty | | |
| lateral distance | MeanValue | 1000 | nm | Uncertainty | | |
| | MeanValue | | | Uncertainty | | |
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2 Provider

Provider No

11

Provider No 11 Web address <http://www.nist.gov/index.html>

Provider NIST (National Institute of Standards and Technology)

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