

# LOW REFLECTIVITY TEST CD-R

## For Checking CD Players and CD Drives

### TCD-R091LMY

#### 1. Purpose of use, Features

TCD-R091LMY is a Test Disc designed for various kinds of confirmation of operation and playability for low reflection CD-R of CD Drives etc..

Reflectivity is managed as 56% (\*1). Disc format is CD-DA with recorded full capacity (80 min.).

#### 2. Specifications \*2

- Disc type : Low Reflection CD-R Disc (700Mbytes/ 80min)
- Format : CD-DA
- Recorded time : 1hr. 19min. 56sec.
- Outer diameter : 120 ± 0.3 mm
- Center hole diameter : 15.0 +0.1/ -0 mm
- Disc thickness : 1.2 +0.3/ -0.1 mm
- Scanning velocity : 1.2 m/sec (for reference)
- Track pitch : 1.5 μ m (for reference)
- Eccentricity : ≤ 70 μ m 0-p
- Radial tilt ( β angle) : ≤ ± 0.6 deg
- Push-pull (PP) : 0.08 ~ 0.14
- Reflectivity (Rtop)

Model name	Reflectivity	CD-R Specifications	Description
TCD-R091LMY	56 ± 3 % with PBS *1	≥ 60 % *3	For testing the minimum value specified in CD-R Specifications

\*1 Reflectivity (Rtop) is measured value at user data area (except Index 0) by our standard equipment after recorded once by our standard recorder.

PBS is acronym standing for Polarization Beam Splitter.

\*2 Physical Characteristics other than Reflectivity and Push-pull comply with Recordable Compact Disc Systems Part 2 Ver.3.1

\*3 This is the value specified in Recordable Compact Disc System Part 2 Volume 2 Multi-Speed.

#### 3. Content

Track No.	Time		Contents	Radial positions * mm
	min	sec		
1	3	15	Minuetto	24.8
2	2	32	2 ème Gymnopédie	27.0
3	3	02	Ouverture Miniature (Casse-noisette Op. 71a)	28.5
4	2	36	Marche (Casse-noisette Op. 71a)	30.3
5	3	09	Clair de Lune	31.8
6	3	12	Nocturne (Op. 9-2)	33.4
7	2	26	Danse de la Fée-Dragée (Casse-noisette Op. 71a)	35.0
8	2	29	Danse Arabe (Casse-noisette Op. 71a)	36.2
9	2	51	Fantaisie-Impromptu (Op. 66)	37.4
10	2	02	Hungarian Dance No.5	38.7
11	3	38	Prélude < Raindrop >	39.6
12	3	15	Maiden's Prayer	41.1
13	3	08	Valse des Fleurs (Casse-noisette Op. 71a)	42.5
14	3	29	1 ère Gymnopédie + Blank(35sec)	43.7
15	35	22	Danse des Mirlitons (Casse-noisette Op. 71a)	45.1
16	2	58	1 ère Gymnopédie	56.9
TOTAL TIME (Including pause time) 79min 56sec				(AA : 57.8)

\* Radial positions are calculated value. Actual value may differ.

Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice.

<Proper handling of the disc>

Do not write on the surface with a pen and others, nor put a sticker on it.

Do not expose the disc to direct sunlight, nor leave it in the place of high temperature and high humidity.

After playing, store the disc in its own case.

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