

CYROLITE®
ADVANCED MEDICAL ACRYLICS

CYROLITE® MD

ACRYLICS FOR DIAGNOSTIC
APPLICATIONS



CYROLITE® MD

Acrylics for Medical Diagnostics

CYROLITE® MD

ACRYLICS FOR DIAGNOSTIC APPLICATIONS



i PRODUCT DESCRIPTION

- Highly transparent CYROLITE® for diagnostic applications. Optical clarity, UV transmittance plus maximum flow characteristics

🔑 KEY PROPERTIES

- **Regulatory Compliance**
USP Class VI
CYROLITE® MD H12 & MD L40 are ISO 10993-1 compliant
- **Safety Compliant**
BPA & DEHP Free
- **Outstanding Clarity**
High UV Light Transmittance over a broad range of wavelengths
Low Autofluorescence
- **Ease of Processing**
Suitable for intricate designs and thin walls
- **Scratch Resistance**
Outstanding scratch resistance

🎯 TYPICAL APPLICATIONS

- Cuvettes, Rotors, Well Plates, Crystallography trays

Features CYROLITE® MD



CYROLITE® MD

Three Grades Designed for the Medical Diagnostics Market



- All grades designed to meet the most stringent UV light Transmittance and optical requirements of medical diagnostic devices
- Portfolio of products with a wide range of physical and rheological properties to meet the needs of the diagnostics market

Features	CYROLITE® MD H12	CYROLITE® MD 6N	CYROLITE® MD L40
Max. Light Transmittance (ASTM D1003)	92%	92%	92%
Haze (%)	<1	<1	<1
UV Transmittance @ 340 nm / (ASTM D1003)	Min 87.7	Min 87.7	Min 87.7
MVR (230°C/3.8 Kg)	7.0	12.0	26.0
Vicat softening point	105°C (D 1525)	96°C (ISO 306)	82°C (D1525)



CYROLITE® MD

Regulatory Compliance

CYROLITE® products comply with:

- **FDA food contacts regulations**
- **USP Class VI**
- **ISO 10993 (Tripartite)**



The products also comply with **RoHS** and **REACH** requirements; are free of heavy metals, plasticizers, natural latex, REACH SVHC substances; and are **BPA free**.

Regulatory Requirements	Food contact ⁽¹⁾	USP Class VI	ISO 10993-1
CYROLITE® MD H12	✓	✓	✓
CYROLITE® MD L40	✓	✓	✓
CYROLITE® MD 6N	✓	✓	

(1) Products meet FDA food contact requirements of 21 CFR 177.1010 under Condition C (no Alcohol) and Condition D @8% alcohol

So clear it's like
it's not even here:
highly trans-
parent **CYROLITE®**
for diagnostic
applications.

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RÖHM

