



## **CrystalCoat<sup>®</sup>** **IM-9981 for High-Index**

PREMIUM ABRASION RESISTANCE

### **Ophthalmic Lens**

#### **High Performance Chemistry**

SDC Technologies, Inc. (SDC) is the recognized global leader in the manufacturing and distribution of premium proprietary abrasion resistant coatings. Leveraging the science of Sol-Gel Chemistry has led to the development of new technologies that transform the performance of coating. SDC's innovative coating solutions combine superior scratch and chemical resistance with exceptional product stability.

#### **Proven Industry Reputation**

With continuous product innovation since 1986, SDC's proprietary technologies are trusted by the world's most prestigious brands. CrystalCoat coatings were designed to elevate your brand by enhancing the durability and quality of your products. SDC is certified to ISO 9001:2015 (Quality) and ISO 14001:2015 (Environmental) standards.

#### **Patented Technology**

CrystalCoat<sup>®</sup> IM-9981 delivers best-in-class abrasion resistance, and has a refractive index of 1.60. Uniquely formulated for ophthalmic and other high performance applications where optical clarity and durability are required. Capable of meeting your dynamic production needs, IM-9981 is a thermal cure coating, compatible with anti-reflective (A/R) lens treatments, and suitable for dip spin coat applications.

SDC's optically clear coatings are formulated to maximize the performance and durability of eyewear. These revolutionary multi-purpose coatings are highly versatile, and can easily be integrated into your coating operations, requiring no premixing. CrystalCoat's easy to use single coat application, and long service life reduces the need for frequent tank changes outs, delivering outstanding value.



## CrystalCoat® IM-9981

### PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip Coat Application
- Compatible with A/R Coatings
- Refractive Index of 1.60

### PERFORMANCE FEATURES

- Delivers best-in-class abrasion resistance
- Excellent product durability and stability
- Easy to use single coat system, meets demanding industry test requirements
- Designed for adhesion to high-index lenses such as MR-8™, MR-7™ and MR-10™

### PRODUCTION BENEFITS

- Manufactured under stringent ISO 9001:2015 quality standards, enhancing coating performance
- Long product service life reduces the need for frequent tank change-outs
- CrystalCoat streamlines manufacturing, enhancing yields and profitability
- Access to SDC's global technical support team for your product validation and application requirements

### PRODUCT FEATURES

| Description         | Typical Values |
|---------------------|----------------|
| Abrasion Resistance | Excellent      |
| Refractive Index    | 1.60           |
| % Solids            | 19 –22         |



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