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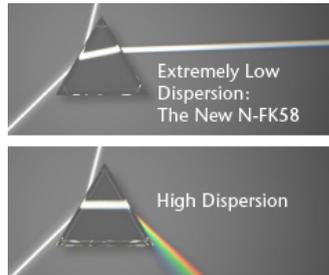
Advanced Optics - News Flash 02/2014

## Hot Topic:

### N-FK58: A new extremely low dispersion optical glass with excellent processing properties

SCHOTT has improved its melting capabilities for the production of low dispersion glasses. During a recent melting campaign for N-PK52A and N-FK51A, two low dispersion glasses from SCHOTT, the development of a new extremely low dispersion (XLD) glass N-FK58 was accomplished by a successful production run.

Low dispersion and extremely low dispersion glasses are required for optical designs to improve the apochromatic colour correction, especially in combination with anomalous dispersion glasses like the KZFS glasses.



#### Information:

- optical position:  $n_d = 1.45600$ ,  $v_d = 90.80$
- extremely low dispersion
- excellent processing properties
- offers outstanding apochromatic correction capabilities in combination with SCHOTT KZFS glasses (e.g. N-KZFS4/5/8/11)
- supplements the low dispersion glass portfolio of N-PK52A and N-FK51A
- will become an on-stock glass

The datasheet of the XLD glass N-FK58 is currently under development and will be available soon.

For more information on available formats, please contact your sales agent.

SCHOTT Advanced Optics will exhibit these glasses at the upcoming Optatec exhibition (booth 3.0/D12) which will take place May 20<sup>th</sup> - 22<sup>nd</sup>, 2014 in Frankfurt, Germany.

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### Other recent developments



#### TIE's: New look and feel

SCHOTT Advanced Optics has recently reworked their TIE's (Technical Information) in order to even better serve our customers needs.

These popular technical papers that provide detailed information on the properties of our optical glass as well as our extremely low expansion glass ceramic ZERODUR®, will be revised step by step in terms of layout and content until end of 2014.

Curious on the first two revised documents 'TIE-28: Bubbles and Inclusions in Optical Glass' and 'TIE-29: Refractive Index and Dispersion'? Click the 'More' button.

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