

HERASIL[®] 3

1. Product description

Herasil 3 is an optical quartz glass manufactured by flame fusion of natural quartz crystals. It combines excellent physical properties with very good optical characteristics from the UV to the IR. The index homogeneity is specified in one direction (the direction of use or functional direction).

Herasil 3 is practically free from bubbles and inclusions.

Herasil 3 may have weak striae in the functional direction.

Herasil 3 is a cost effective material for technical optical applications even under difficult environmental conditions such as high temperatures, temperature-shocks, chemically aggressive media or pressure load.

Herasil 3 is the material of choice for standard optical applications such as substrates, lightguide elements, microscope slides and UV-windows.