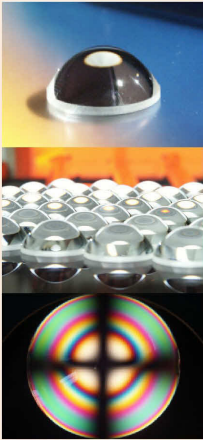


What Moulded Optics is supplying

**MOULDED
OPTICS**

Moulded Optics ... the MultiMaterialCompany

Spheres & Aspheres



Aspheric, spheric or free-form lenses, diameter from approx. 2 mm up to 100 mm.

Typical one side moulded, the backside is ground & polished, flat or spheric.

Glass types are B270, Borosilicate glass or F2

With or without coating (UV-cut, ir-cut, anti-reflex, multilayer ...)

Moulded Optics is able to harden the lenses by a thermal process. This will bring up the stress in the glass and brings up the properties to withstand higher temperature changes.

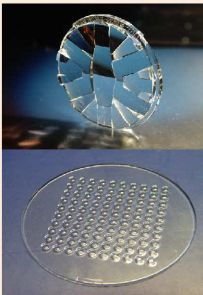
You can see the higher stress when you bring the lens between crossed polarization filters. You will see a lot of coloured rings.



Material:

B270	Borosilicate	F2
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Fly's eyes lenses



Fly's-eyes lenses for the use in the field of digital projectors.

We are able to use plastic like Polycarbonate (PC), PMMA or other types of optical plastic materials for the fly's-eye lenses.

Typical one side moulded, the backside is ground&polished. Most used glass types are B270 or F2.

In the case of plastic fly's-eye lenses no grinding & polishing is needed. The leses are finished after the injection moulding process.

Fly's-eye lenses can be delivered with or without coating (UV-cut, ir-cut, anti-reflex, multilayer ...)



Material:

B270	Borosilicate	F2
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LightPipes



Glass Light pipes, with straight or curved surfaces made of glass.

They are used either to focus the light input on e.g, a sensor or they are used to shape the light output.

Mostly all sides of the lightpipes are moulded, typical one side is ground&polished.

Glass types are B270, Borosilicate glass or F2.

Some times coating is available but this must be discussed.

Our glass lightpipes can be combined with a plastic injection moulded housing to tricky hyride optical products.



Material:

B270	Borosilicate	F2
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