

# BLACK GLASS 2.77

MATERIAL: LEAD FREE CRYSTAL ROHS & REACH COMPLIANT

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## Physical properties

<b>DENSITY</b>	2.77 g/cm <sup>3</sup>
<b>COLOUR</b>	black, not see through
<b>COMPOSITION</b>	SiO <sub>2</sub> 70% Na <sub>2</sub> O + K <sub>2</sub> O 19% Others CaO MgO Al <sub>2</sub> O <sub>3</sub> MnO Cr <sub>2</sub> O <sub>3</sub> Fe <sub>2</sub> O <sub>3</sub>
<b>MAX WORKING TEMPERATURE</b>	300 °C

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## Thermal properties

<b>STRAIN POINT</b>	503°C
<b>SOFTENING POINT</b>	591 °C

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## Mechanical properties

<b>HARDNESS</b>	619 kg/cm <sup>2</sup>
<b>YOUNG'S MODULUS</b>	6.6 10 <sup>5</sup> kg/cm <sup>2</sup>
<b>COMPRESSIVE STRENGTH</b>	9250 kg/cm <sup>2</sup>
<b>TENSILE STRENGTH</b>	824 kg/cm <sup>2</sup>