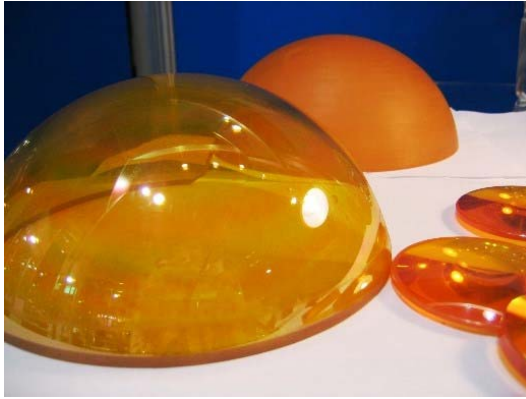


Crystaltechno Ltd. manufactures

Polished Domes - Hemispheres and Hyper Hemispheres from crystals and glass



Processed materials

ZnSe (Zinc Selenide), ZnS (Zinc Sulphide), Sapphire (Al_2O_3),
Si (Silicon), Ge (Germanium), CaF_2 (Calcium Fluoride),
 BaF_2 (Barium Fluoride), MgF_2 (Magnesium Fluoride),
LiF (Lithium Fluoride), fused silica and glass



Specification

	Parameter	Value	
1	Domes diameter \varnothing , mm	$\varnothing < 100$	$100 \leq \varnothing \leq 300$
2	Diameter tolerance, mm	± 0.1	± 0.2
3	Domes radius of curvature R, mm	$3 \leq R \leq 150$	
4	Radius tolerance, mm	± 0.1	± 0.5
5	Domes height, mm	$h \leq 1.3R$	
6	Height tolerance, mm	± 0.1	± 0.2
7	Domes wall thickness, mm	≥ 2	≤ 15
8	Surface quality, S/D	60-40	80-50



If you are interested please feel free to contact us! You can receive the additional information

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