



CVD MoS₂ Membrane

Cat. No. GRA-LT001

Lot. No. (See product label)

Cat.No	GRA-LT001
Product Name	CVD MoS ₂ Membrane
Description	Undoped molybdenum disulfide is a layered N-type semiconductor, which belongs to the transition metal dichalcogenide compound. The bulk band gap is 1.23eV (indirect band gap), and the single-layer MoS ₂ band gap is ~1.85eV (direct band gap).
Product overview	Matexcel could offer: 1) A single layer of discretely distributed triangular single crystal grains, with the side length of the triangle generally ranging from tens to one hundred microns. 2) The triangular grains continue to grow into a continuous single-layer film. 3) Multilayer MoS ₂ continuous film. 4) Substrate: silicon wafer substrate, SiO ₂ /Si substrate and sapphire substrate
Size	10mm*10mm
Storage	Store at room temperature

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

www.matexcel.com

Address: SUITE 210, 17 Ramsey Road, Shirley, NY 11967

Email: info@matexcel.com Tel: 1-631-869-4956 Fax: 1-631-910-2166