

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Microsphere LY501 is small spherical thermoplastic particle. When heated, the internal pressure from the gas increase and the thermoplastic shell softens, resulting in a dramatic increase of the volume of the microspheres. The gas remains inside the spheres.

APPEARANCE:

White powder at room temperature

TECHNICAL SPECIFICATION

Average particle size (μm) 25-35

The start of expansion temperature ($^{\circ}\text{C}$) 130-150

The peak of expansion temperature ($^{\circ}\text{C}$) 190-205

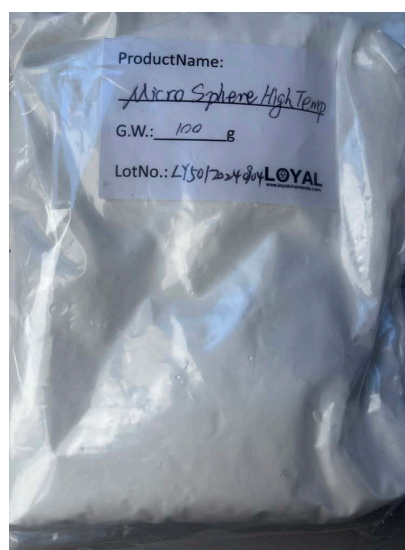
Density after expansion (kg/m^3) <15

Solid content (%) >97

PACKAGING 50KG/drum or 20KG/bag

Waterproof storage

Shelf-life: 18 months



Web: www.loyalchemicals.com