

Celogen[®] MS DU140

Thermally Expandable Microspheres

PRODUCT DESCRIPTION

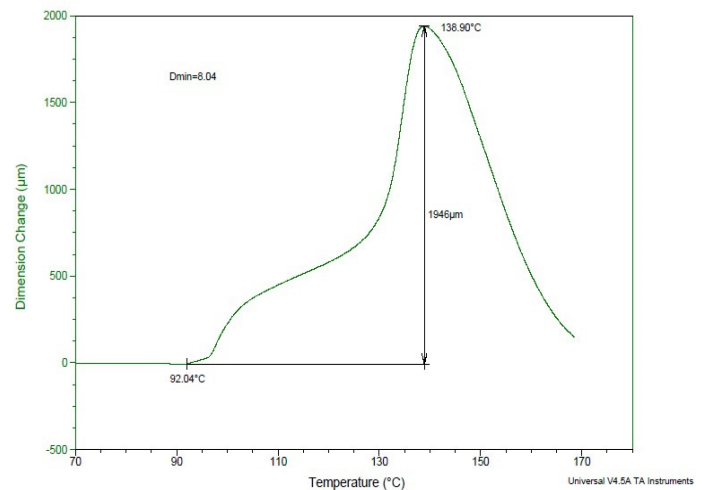
Celogen[®] microspheres are small spherical thermoplastic particles. When heated, the internal pressure from the gas increases and the thermoplastic shell softens, resulting in a dramatic increase of the volume of the microspheres. The gas remains inside the spheres.

APPEARANCE

White powder at Room temperature

TECHNICAL SPECIFICATION

Average particle size (um):	15-25
Density before expansion (kg/m3)	>1,000
Solid content	>95%
The start of expansion temperature (°C)	90-100
The Peak of expansion temperature (°C)	135 – 145
Density after expansion (kg/m3)	<20



APPLICATION

Celogen[®] MS DU140 can be used as a blowing agent, low density filler and performance enhancer in many different applications.

PACKAGING

50 kilograms paper drum with plastic liner
Waterproof storage