

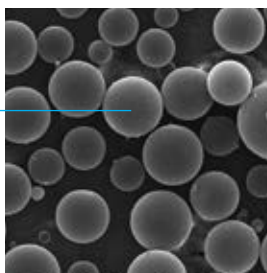
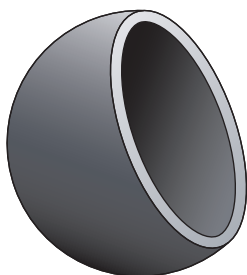
# UNICELL-HMS Series

## Description

UNICELL-HMS are hollow expanded microspheres.

They are an expanded type of UNICELL-MS and can be used as ultralight fillers.

## Structure



### Features:

- Extremely low density, 0.017~0.165g/cm<sup>3</sup>
- Excellent elasticity
- Excellent solvent resistance
- Excellent sandability

## Products

### Dry Type

| Item        | APS (μm)                  | Density (kg/m <sup>3</sup> ) |
|-------------|---------------------------|------------------------------|
| HMS A grade | Softening point: 120°C    |                              |
| A20D        | 15.0~35.0                 | 45 ± 5                       |
| A50DT       | 38.0~58.0                 | 25 ± 5                       |
| A100D       | 65.0~150.0                | 22.5 ± 4.5                   |
| HMS C grade | Coated hollow microsphere |                              |
| C20D        | 15.0~35.0                 | 150 ± 15                     |
| C50D        | 35.0~55.0                 | 120 ± 15                     |
| C100D       | 80.0~150.0                | 90 ± 15                      |

### Wet Type

| Item  | APS (μm)   | Density (kg/m <sup>3</sup> ) | Moisture (%) |
|-------|------------|------------------------------|--------------|
| A20W  | 15.0~35.0  | 45 ± 5                       | 85 ± 2       |
| A50W  | 38.0~58.0  | 25 ± 5                       | 85 ± 2       |
| A100W | 65.0~150.0 | 22.5 ± 4.5                   | 85 ± 2       |

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## Applications

**Toy Clay**



**Leather Filler for Cracks & Holes**



**Insulation Paint**



**Car Repairing**



**Art Walls**



**Ceramics**



**Sensitizer of Emulsion Explosives**



**Window Cushion Tape**

