

## Technical Data Sheet

### EPS(Expandable Polystyrene)

### EPS GN12

<b>Features</b>	General
<b>Applications</b>	Buoy, Packing materials

Typical Properties	Test Method	Value
Bead Size	Kumho	1.1 ~ 1.5 mm
Expandability <sup>1)</sup>	Kumho	75 multiple
Blowing Agent	Kumho	5.0 %
Normal Molded Density Range	Kumho	14 ~ 17 kg/m <sup>3</sup>

1) Expandability : Expansion multiple after 5 minutes in steam chamber (0.3 kgf/cm<sup>2</sup> steam pressure)

Mechanical Properties	Test Method	Value
Density	Kumho	20 kg/m <sup>3</sup>
Flexural Demolition Load	Kumho	26 N
Compression Strength	Kumho	9 N/cm <sup>2</sup>
Amount of Water Absorption	Kumho	0.4g /100cm <sup>2</sup>

#### Notes

These are just typical properties, not specifications. Users should confirm results by their own test.