

## 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.

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