

Technical Data Sheet

EPS(Expandable Polystyrene) SEPS N20 HC

Features Self-extinguish, High productivity(N20 HC is 40% faster than the N20)
Applications Insulation board, Construction Materials, Packing materials

Typical Properties	Test Method	Value
Bead Size	Kumho	0.6 ~ 0.9 mm
Expandability ¹⁾	Kumho	75 multiple
Blowing Agent	Kumho	5.5 %
Normal Molded Density Range	Kumho	20 ~ 25 kg/m ³

1) Expandability : Expansion multiple after 5 minutes in steam chamber (0.3 kgf/cm² steam pressure)

Mechanical Properties	Test Method	Value
Density	KS M 3808	20 kg/m ³
Primary Thermal Conductivity	KS M 3808	0.038 W/mk
Flexural Demolition Load	KS M 3808	28 N
Compression Strength	KS M 3808	11 N/cm ²
Amount of Water Absorption	KS M 3808	0.2g /100cm ²
Combustibility	KS M 3808	2.0 sec 20 mm

1) KS M 3808 : The Korean Industrial Standard□

Flammability	Test Method	Value
UL	UL 94	HF-1(Approval)
	UL 723	Approval

Notes

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