

Foaming Resin

# HP Foam

Achieve the same performance of EP foam!



HP Foam is an innovative product which is foamed with our original compound technology.

HP Foam possesses an excellent compression permanent set.

HP Foam can reduce the weight of the products, and it is ideal for electrical insulation applications because of the low volume resistance. Moreover, coloring and profile extrusion processing are possible. Being coated with specialized anti-sticking agent, HP Foam can improve its sticking resistance. Please consult us for further information.

## Features

### High Resilience



HP Foam has excellent compression set and shows the same performance of EP foam.

### Environmental



HP Foam is eco-friendly because it emits less carbon dioxide during production as compared with rubbers.

### Colorability



It can be colored. Please consult us.

### Cost Reduction



Reduction of production costs is possible.

### Lightening



Reduction of product weight is possible by foaming.

### Water Absorption



It can be used as a water stop packing because its water absorption is low.

Material		HP Foam	EP Foam	Test Method
Asker C Hardness		30	27	SRIS 0101
Specific Gravity		0.5	0.6	JIS K 7112
Tensile Strength (Mpa )		0.9	3.2	JIS K 6251
Elongation Rate (%)		720	420	JIS K 6251
Compression Set	Room Temp. × 22h	0	0	JIS K 6262
	40°C × 22h	23	28	
	70°C × 22h	45	58	
	85°C × 22h	80	65	

Note : The above data was measured in the 2mm thickness plate. (Compression set : 10φ string) The values shown above are for reference only.

## Applications

Gaskets, packings, sealing materials and insulators for car parts, construction parts and precision machineries. Please consult us for availability of colors.

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