

SINOYQX YQX-TG Thermoplastic Melamine Foam

YQX TG Thermoplastic Foam is an open-cell, thermoplastic structural melamine resin flexible foam with excellent sound absorption, thermal insulation, chemical resistance, fire-resistance and light weight properties. It is specially design to **thermoform and process mechanically** for sound & thermal insulation; and **extra cleaning**. it is also suitable for lamination with aluminon foil and non-woven fabrics, etc. to offers great chemical resistance, and resistance against UV rays. It is very heat-resistant(up to 240°C), and low-temperature resistance (up to -180°C) and does not post expand or outgas.

Items	Index
Apparent Density (kg/M ³)	9.5(±1kg)
Tensile Strength (Kpa)>	60
Elongation ratio (%)>	8
Thermal Conductivity (mW/mK) <	0.034
NRC	0.9
40% Compression Load	3
Operating Temperature (°C)	-180~200
Dimension (mm)	2500x1250~1300x350 (Block)*

*The length can be customized to production.

Some cases, whose are thermoformed with two sides of non-woven fabrics for Volkswagen (in China) Engine Cover.

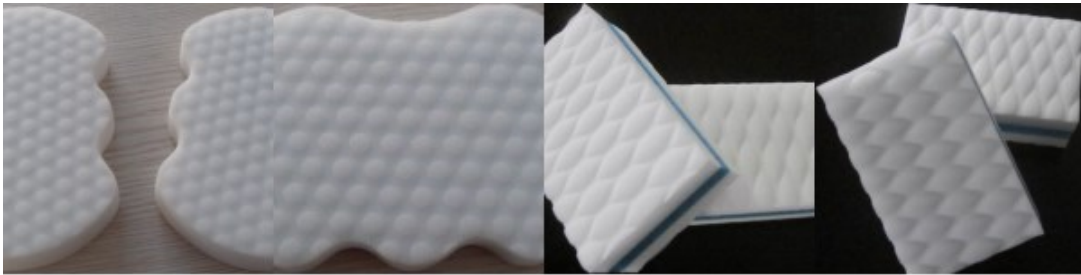
We suggest to thermoform it at 200°C within 90 seconds.





Some cases, whose are thermoformed for Extra Cleaning.

We suggest to thermoform it at 170~180°C within 120 seconds.



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