



Thermoplastic Syntactic Foam



HYTAC B1X combines the toughness of an engineered thermoplastic with the low thermal conductivity of syntactic foam. Suitable for use with nearly all plastics, it is an excellent choice for optimized material distribution and long plug life. It machines without dust and allows for machining of fine detail.

Thermoforming applications

- PET
- PP
- PS
- PE
- PVC
- PLA

Benefits

- Extremely high toughness and durability.
- Machines without dust.
- Widely suitable with nearly all plastics
- Excellent material distribution.

Machining and Polishing Guides

HYTAC materials are generally easy to machine and polish. Following the CMT guidelines will improve surface quality and consistency in plug performance.



THERMOPLASTIC

Color	Light Blue
Density	672 - 737 kg/m ³
Thermal Conductivity	0.19 W/m·K
Coefficient of Thermal Expansion(CTE)	67.7 x 10 ⁻⁶ m/m/°C
Compressive Strength	49.2 Mpa
Service Temperature	176 °C
Flexural Toughness	80.0kPa

Custom Cut Service



Get your material custom cut!
Contact CMT Europe for information and prices

Standard dimensions

