



# Thermoplastic Syntactic Foam



HYTAC-XTL offers the highest toughness, the lowest thermal conductivity and the lowest thermal expansion of all syntactic foams. This material is easy to machine and polish without dust. HYTAC-XTL is suitable for a wide range of plastics and allows users to machine fine details.

### Thermoforming applications

- PET
- PP
- PS
- PVC
- PLA

### Benefits

- Strongest available syntactic foam
- Dust-free machining and polishing.
- 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	Dark Pink
Density	672 - 737 kg/m <sup>3</sup>
Thermal Conductivity	0.17 W/m·K
Coefficient of Thermal Expansion(CTE)	57.6 x 10 <sup>-6</sup> m/m/°C
Compressive Strength	70.4 MPa
Service Temperature	176°C
Flexural Toughness	158.5 kPa

### Custom Cut Service



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

### Standard dimensions

