

HYTAC®-C1R Copolymer Syntactic Foam



HYTAC-C1R copolymer syntactic foam provides high friction and the highest durability of any copolymer syntactic foam. HYTAC-C1R is designed for deep draw applications and any other applications where high friction is needed. It may be polished to a very smooth surface when necessary for working with transparent plastics.

Thermoforming applications

- PET
- PP
- PS
- PVC
- PLA

Benefits

- High friction for deep draw applications.
- Excellent surface characteristics
- Highest durable copolymer syntactic foam
- Easy to machine and to polish

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.



COPOLYMER

Color	Dark Blue
Density	832 kg/m ³
Thermal Conductivity	0.12 W/m·K
Coefficient of Thermal Expansion(CTE)	63 x 10 ⁻⁶ m/m/°C
Compressive Strength	48 MPa
Service Temperature	176 °C
Flexural Toughness	77.9 kPa

Custom Cut Service



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

Standard dimensions

