

PRELIMINARY DATA SHEET

Durable copolymer syntactic foam

HYTAC-C1R is a high durability copolymer syntactic foam optimized to balance material distribution needs, plug durability, stability and machinability requirements. Well suited for use with a wide variety of plastics, the material features a low coefficient of thermal expansion for outstanding accuracy and dimensional stability.

The material offers:

- Good Machinability
- Superior Edge Definition
- Good Dimensional Stability
- Wide Variety of Standard Sizes
- Specialty Size Fabrication
- Outstanding Surface Finish

	<i>HYTAC-C1R</i>
Color	Blue
Service Temperature	176 ⁰ C
Density	736 kg/m ³
Hardness	55 Shore D
Compressive Strength	48 MPa
Coefficient of Thermal Expansion (25 to 95 ⁰ C)	63 x 10 ⁻⁶ m/m ⁰ C
Thermal Conductivity	0.13 W/m ⁰ K

