Technical Data Sheet

CIPTEX™ 9220

Polyisocyanurate Foam

Products Description

CIPTEX 9220 is a foaming material made of isocyanate reacted with polyether after catalysis. Its physical and fireproofing properties is superior to general polyurethane. It is the ideal cryogenic insulation material with low thermal conductivity, good anti-vibrational characteristic and strong adaptability.

CIPTEX 9220 meets ASTM and GB industry standard.

Density Range

- 220±20 kg/m3

Specification

- High closed cell content
- Good pressure and flexure resistance
- Excellent cryogenic insulation
- Good flame retardancy

Application

- Insulated piping in Lng station
- Cryogenic insulation in freezer and central air conditioning system

CIPTEX 9220 PHYSICAL PROPERITIRS

Appearance		Yellowish foam
HCFC	（QB/T5114-2017）	No
Thermal Conductivity	（GB/T10295-2008/ ASTM C 518）	0.0391 W/(m.k)
Water Absorption	（GB/T8810-2005/ ASTM D 2842）	1.5 %
Closed Cell Content	（GB/T10799-2008/ ASTM D 2856 ）	>95 %
Compressive Strength	（GB/T 8813-2008/ ASTM D 1621）	4.22 MPa
Oxygen Index	（GB/T 2406.2-2009）	28.2%

Instruction

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. The terms and conditions of the agreement under which it is sold will govern any sales of this product. Data supplied above are "typical values"; not to be considered "specification values". To assure the material's performance is adequate for a specific application; customers should verify, independent of Herence, performance characteristics of interest.

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