

Technical Data Sheet

CRAD-X™ 120 High Density Polyurethane Pipe Supports

HIGH DENSITY POLYURETHANE FOAM PRODUCT INFORMATION (120 Kg/m³ nom.density)

CRAD-X™ 120 is a pre-insulated pipe support for cryogenic applications.
CRAD-X™ 120 is manufactured from high density polyurethane which do not contain or use during fabrication environmentally hazardous materials.
CRAD-X™ 120 is CFC free.

PIRMAC™ 35 Polyisocyanurate (PIR) Complies with ASTM C591, Grade 2, Type IV

Properties	Test Method	Results
Density	ASTM D1622	120 Kg/m ³
Compressive Strength (at 20°C)	ASTM D1621	1.14 Mpa
Compressive Strength (at -160°C)	ASTM D1621	1.64 Mpa
Thermal Conductivity (at 20°C)	ASTM C177	0.0234 W/mk
Thermal Conductivity (at -160°C)	ASTM C177	0.0217 W/mk
Closed cell content	ASTM D2856	95%
Leachable Halides	ASTM D871	Less than 20ppm
Tensile Strength (at 20°C)	ASTM D1623	0.97 Mpa
Tensile Strength (at -160°C)	ASTM D1623	1.57 Mpa
Water Absorption	ASTM D2842	1.28% vol

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Our Chemical Systems Provided By:



CRAD-X™ High Density Polyurethane Pipe Supports