

BC 700 Polyol and BC 768 Isocyanate

Description:-

It is a two component 141 B based spray foam system for targeting the overall density of 42-45 kg/m³. The resulting foam has very good adhesion with conventional surfaces. When BC 700 Polyol react with BC 768 Isocyanate, it forms a crosslinked structure which is dimensionally stable and possesses best insulation properties.

TYPICAL REACTION CHARACTERISTICS

Cream Time	5 seconds
Gel Time	9 seconds
Tack Free Time	13 seconds
Isocyanate to Polyol Ratio	1.1

COMPOUND CHARACTERISTICS


Polyol Viscosity	500 mPa.S at 25 degree Celsius
Isocyanate Viscosity	210 mPa.S at 25 degree Celsius
NCO Content	31 % by weight

Typical Polymer Properties:-

Density	42-45 kg/m ³
Compressive Strength	150 KPA
Dimensional Stability	1 Percent
Thermal Conductivity	0.023 Watt/m.K

SHELF LIFE:-

Polyol : 6month
Isocyanate: 6 months



Cooling these drums below 10 degree centigrade may cause crystallization which can damages the pumps and disturb machine ratio. Always protect the drums from moisture entering into it because it can change the reactivity of the systems which can disturb the result of the foam.

HEALTH AND SAFETY PRECAUTIONS

- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Waste: Waste generation should be avoided or minimized.
- Incinerate under controlled conditions in accordance with local laws and national regulations.

Anyway, consult the material safety data sheet

Packing:-

BC 700 Polyol	220 Kgs
BC 768 Isocyanate	250 Kgs

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

