

POLYURETHANES FOR FLEXIBLE SHOES

BC 707 Polyol and BC 769 Prepolymer

Product Description:-

This system design for shoe production with the density of 0.25 to 0.4 g per cubic metre. It has higher flexibility with more than 150000 steps as compared to 25000 steps of regular PU systems

TYPICAL REACTION CHARACTERISTICS:

Viscosity	4000-6000 cp
Acid Value	Less than 2
Hyrdoxyl value	60-80 mg KOH/g

COMPOUND CHARACTERISTICS:

NCO	20-25 mg KOH/g
Isocyanate Viscosity	200-450 cp
Color	Transparent Yellow


Typical Polymer Properties:

Shore Hardness (A)	45-85
Elongation at Break (%)	Greater than 200
Tensile Strength (MPa)	Greater than 3
Tear Strength (KN/m)	Greater than 15

SHELF LIFE:-

Polyol Compound: 6
months Isocyanate
Compound: 6 months





always in dry areas, without the possibility of moisture entering, and without direct contact with the sun or heat sources, otherwise they may be affected its reactivity and performance. Low ambient temperature increases the viscosity of the polyol, which makes it difficult to mix and apply, which can cause its mixing ratio to vary and the consequent internal problems in the mixing and application equipment.

HEALTH AND SAFETY PRECAUTIONS

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- 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.
- Re-occupancy of the work site without respiratory equipment is minimum 24 hours providing the correct ventilation for the area sprayed.
- Contractors and applicators must comply with all applicable and appropriate guidelines for storage and safety guidelines.

Anyway, consult the material safety data sheet

Packing:-

BC 707 Polyol	220 Kgs
BC 769 Iso cyanate	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.

Building Chemistry Industry

2nd Industrial Area Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com

