

POLYURETHANES FOR FLEXIBLE SHOES

BC 707 Polyol and BC 769 Prepolymer

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 POLYOL CHARACTERISTICS

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

TYPICAL PREPOLYMER 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 : 6 months

Isocyanate : 6 months





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.

Packing:-

BC 707 Polyol	220 Kgs
BC 769 Isocyanate	250 Kgs

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