

BC PE-Air 130 Polyol and BC PE 3070 Isocyanate

Three Component Polyurethane

COMPONENTS:

- A: BC PE-Air 130 Polyether Polyol**
- B: BC PE-3070 Isocyanate**
- C: BC Catalyst C1-Air 130**

SPECIFICATIONS

| | Units | BC PE- Air 130 | BC PE-3070 |
|---------------------------|-------------------------|------------------|----------------|
| Appearance | | Liquid | Liquid |
| Viscosity at 35 °C | cps | 3000-4000 | 200-250 |
| Specific Gravity | | 1.17 | 1.18 |
| Mixing Ratio | By weight | 100 | 55-60 |
| Working Temp. | °C | 40-45 | 40-45 |
| Cream Time | seconds | 6-10 | |
| Thread time | seconds | 40-45 | |
| Demolding Time | minute | 3-4 | |
| Mold Temperature | °C | 55-60 | |
| Free Rise Density | g/cm³ | 0.13-0.4 | |
| Mold Density | g/cm³ | 0.25-0.3 | |



Mechanical Properties of Foam

| | | |
|----------------------------------|-------------------------|---------------------------|
| Specific gravity | g/cm³ | 0.25-0.3 |
| Shore Hardness | A | 20-25 |
| Elongation at Break | % | Greater than 250 |
| Tensile Strength at Break | Mpa | Greater than 10 |
| Tear resistance | Kg/cm | Greater than 1.5-2 |
| Split Tear | Kg/cm | 1.5-1.7 |

Packing:-

| | |
|------------------------|---------|
| BC PE- Air 130 Polyol | 220 Kgs |
| BC PE-3070 Isocyanate | 250 Kgs |
| BC Catalyst C1-Air 130 | 200 Kgs |

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