

## Instapak<sup>®</sup> SimplyFlex<sup>TM</sup> PRODUCT SPECIFICATION SHEET PACKAGING FOAM

- Low density packaging foam
- Ideal for void fill

| Chemical characteristics                                      | Component 'A'                           | Component 'B'  |
|---|---|----------------|
| Composition   | Polymeric diphenyl-methane diisocyanate | Polyol mixture |
| Storage temperature   | 10 to 40 °C                             | 10 to 40 °C    |
| Usage temperature   | 15 to 32 °C                             | 15 to 32 °C    |
| Can 10 Liter net Weight:                                      | 12kg                                    | 10kg           |
| Performance characteristics                                   |   |                |
| Rise time<br>(incl. 2 seconds cream time)                     | 18-24 Seconds                           |                |
| Tack free time  | 30-36 Seconds                           |                |
| Component Ratio (by weight)                                   | 1.5A:1B                                 |                |
| Expansion<br>(free rise foam per liquid ratio)                | Approximately 125 Times                 |                |
| Free rise core density  | 7.5 Kg/m <sup>3</sup>                   |                |
| Moulded density   | 9.1 Kg/m <sup>3</sup>                   |                |
| Yield<br>(kg free rise foam per kg of components)             | 0.88                                    |                |
| Free rise efficiency<br>(litres of foam per kg of components) | 164 l/kg                                |                |

## **CHEMICAL NOTES**

In-use density: The density of a foam obtained when rise is restricted is always higher than the free rise density for all commercial packaging foams. It is typically 1.5 to 2.0 times the free rise density

## NOTE:

Instapak<sup>®</sup> Simply Flex<sup>™</sup> can only be used with the Instapak<sup>®</sup> Simply system in combination with Instapak<sup>®</sup> Simply Film<sup>™</sup> Packaging Film.



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