

# Toraypef® 25020 AP67

Polyolefin  
Toray Resin Company

Message:  
Toraypef® 25020 AP67 is a Polyolefin product. It can be processed by foam processing or vacuum casting and is available in Asia Pacific, Europe, or North America. Typical application: Foam.

| General Information |                                   |
|---------------------|-----------------------------------|
| Uses                | Foam                              |
| Forms               | Pellets                           |
| Processing Method   | Foam Processing<br>Vacuum Casting |

| Physical                      | Nominal Value | Unit              |
|-------------------------------|---------------|-------------------|
| Specific Gravity <sup>1</sup> | 0.0400        | g/cm <sup>3</sup> |
| Shrinkage <sup>2</sup>        |               |                   |
| MD : 120°C                    | -2.1          | %                 |
| TD : 120°C                    | -1.3          | %                 |
| Thickness                     | 2.00          | mm                |
| Compressive Hardness - 25%    | 0.0770        | MPa               |
| Elongation                    |               |                   |
| MD                            | 280           | %                 |
| TD                            | 240           | %                 |
| Gel Fraction                  | 43            | %                 |
| Thermoforming Ratio - H/D     | 0.670         |                   |

| Elastomers          | Nominal Value | Unit |
|---------------------|---------------|------|
| Tensile Strength    |               |      |
| Across Flow : Yield | 0.642         | MPa  |
| Flow : Yield        | 0.914         | MPa  |
| Tear Strength       |               |      |
| Across Flow         | 5.90          | kN/m |
| Flow                | 4.10          | kN/m |

| NOTE |        |
|------|--------|
| 1.   | Foamed |
| 2.   | 60 min |

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# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

