

# Sinvicomp SFC8017

Teknor Apex Asia Pacific PTE. LTD. - Flexible Polyvinyl Chloride

Thursday, August 29, 2019

## General Information

### Product Description

"Sinvicomp" SFC 8017 is a molding grade polyvinylchloride resin available in granular form. SFC 8017 contain foaming ingredient that is suitable for producing microcellular structures or shoe soles application that can be used on it own.

### General

|                   |                      |
|-------------------|----------------------|
| Material Status   | • Commercial: Active |
| Availability      | • Asia Pacific       |
| Features          | • Foamable           |
| Uses              | • Footwear           |
| Forms             | • Granules           |
| Processing Method | • Injection Molding  |

## ASTM & ISO Properties <sup>1</sup>

| Physical                           | Nominal Value | Unit | Test Method |
|------------------------------------|---------------|------|-------------|
| Density / Specific Gravity         | 1.28          |      | ASTM D792   |
| Mechanical                         | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield)           | 1740          | psi  | ASTM D638   |
| Tensile Elongation (Break)         | 360           | %    | ASTM D638   |
| Hardness                           | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A, 10 sec)   | 61            |      | ASTM D2240  |
| Thermal                            | Nominal Value | Unit | Test Method |
| Heat Stability - Congo Red (374°F) | > 40.0        | min  | BS 2782     |

### Additional Information

Typical temperature profile for processing SINVICOMP compound is from 140°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 150°C  
 Mixing zone: 155°C~160°C  
 Meteringzone: 160°C~165°C  
 Nozzle/Die Zone: 170°C

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

Revision Date: 5/16/2016

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.