

Sinvicomp SGH2801

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

Thursday, August 29, 2019

General Information

General

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|-------------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Uses | • Garden Hose |
| Forms | • Granules |
| Processing Method | • Extrusion |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---------------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.34 to 1.38 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 2840 | psi | ASTM D638 |
| Tensile Elongation (Break) | 240 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 55 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Thermal Stability - Congo Red (374°F) | 30 | min | BS 2782 |

Additional Information

Typical temperature profile for SINVICOMP compound is from 125°C to 160°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP.

Feeding zone: 125°C

Mixing zone: 125°C~140°C

Metering zone: 140°C~160°C

Nozzle/Die Zone: 160°C

Notes

¹ Typical properties: these are not to be construed as specifications.

Revision Date: 1/1/2013

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