

# Sinpolene GPP5630/8

Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

## Message:

Sinpolene GPP5630/8 is a Polypropylene material. It is available in Asia Pacific.

| General Information                       |                |                   |             |
|-------------------------------------------|----------------|-------------------|-------------|
| UL YellowCard                             | E142591-223226 |                   |             |
| Forms                                     | Pellets        |                   |             |
| Physical                                  | Nominal Value  | Unit              | Test Method |
| Specific Gravity                          | 1.13           | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 5.0            | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                  | 0.30 to 0.80   | %                 | ASTM D955   |
| Mechanical                                | Nominal Value  | Unit              | Test Method |
| Tensile Stress (Break)                    | 80.0           | MPa               | ASTM D638   |
| Tensile Strain (Break)                    | 5.0            | %                 | ASTM D638   |
| Flexural Modulus                          | 4800           | MPa               | ASTM D790   |
| Flexural Stress                           | 100            | MPa               | ASTM D790   |
| Impact                                    | Nominal Value  | Unit              | Test Method |
| Notched Izod Impact                       | 130            | J/m               | ASTM D256   |
| Thermal                                   | Nominal Value  | Unit              | Test Method |
| Deflection Temperature Under Load         |                |                   | ASTM D648   |
| 0.45 MPa, Unannealed                      | 156            | °C                |             |
| 1.8 MPa, Unannealed                       | 142            | °C                |             |

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## Recommended distributors for this material

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