



## HYPRO-F® PPH-CC40 NATURAL

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

### General Information

#### Product Description

Homopolymer Polypropylene, 40% Calcium Carbonate Filled, 10 Melt Flow

#### General

|                        |                                           |
|------------------------|-------------------------------------------|
| Material Status        | • Commercial: Active                      |
| Availability           | • North America                           |
| Filler / Reinforcement | • Calcium Carbonate, 40% Filler by Weight |
| Features               | • Copolymer                               |
| RoHS Compliance        | • RoHS Compliant                          |
| Appearance             | • Natural Color                           |
| Forms                  | • Pellets                                 |

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

| Physical                                               | Nominal Value | Unit     | Test Method |
|--------------------------------------------------------|---------------|----------|-------------|
| Density / Specific Gravity                             | 1.25          |          | ASTM D792   |
| Melt Mass-Flow Rate (230°C/2.16 kg)                    | 10            | g/10 min | ASTM D1238  |
| Mechanical                                             | Nominal Value | Unit     | Test Method |
| Tensile Strength (Yield, 73°F)                         | 3400          | psi      | ASTM D638   |
| Tensile Elongation (Yield, 73°F)                       | 5.0           | %        | ASTM D638   |
| Tensile Elongation (Break, 73°F)                       | 25            | %        | ASTM D638   |
| Flexural Modulus - Tangent (73°F)                      | 320000        | psi      | ASTM D790   |
| Flexural Strength (73°F)                               | 6500          | psi      | ASTM D790   |
| Impact                                                 | Nominal Value | Unit     | Test Method |
| Notched Izod Impact (73°F, 0.125 in)                   | 0.70          | ft-lb/in | ASTM D256   |
| Thermal                                                | Nominal Value | Unit     | Test Method |
| Deflection Temperature Under Load (66 psi, Unannealed) | 235           | °F       | ASTM D648   |

#### Notes

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