



## HYPRO-G® PP-CP28

Entec Polymers - Polypropylene Impact Copolymer

Tuesday, November 5, 2019

### General Information

#### Product Description

Impact Copolymer, 28 Melt Flow

This product meets the requirements of the US Food and Drug Administration as specified in 21 CFR 177.1520.

#### General

|                 |                       |
|-----------------|-----------------------|
| Material Status | • Commercial: Active  |
| Availability    | • North America       |
| Features        | • Impact Copolymer    |
| Agency Ratings  | • FDA 21 CFR 177.1520 |

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

| Physical                                               | Nominal Value | Unit              | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| Density                                                | 0.900         | g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (230°C/2.16 kg)                    | 28            | g/10 min          | ASTM D1238  |
| Mechanical                                             | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)                               | 3700          | psi               | ASTM D638   |
| Tensile Elongation (Break)                             | > 100         | %                 | ASTM D638   |
| Flexural Modulus                                       | 171000        | psi               | ASTM D790   |
| Impact                                                 | Nominal Value | Unit              | Test Method |
| Notched Izod Impact (0.125 in)                         | 1.5           | ft-lb/in          | ASTM D256   |
| Thermal                                                | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (66 psi, Unannealed) | 230           | °F                | ASTM D648   |

#### Notes

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