

# HERO PRIME™

CP50 – Prime Impact Copolymer – 50 melt

## Description

CP50 is a prime, natural, impact copolymer polypropylene. For more information on processing conditions, please contact your sales representative.

## Characteristics

|                               |                                 |
|-------------------------------|---------------------------------|
| Status                        | Commercial: active              |
| Test Method Used              | ASTM                            |
| Availability                  | North America                   |
| Processing Methods            | Injection Molding / Compounding |
| Features                      | General Purpose                 |
| Typical Customer Applications | Consumer Products               |

## Typical Properties

|                          | Method       | Value | Unit              |
|--------------------------|--------------|-------|-------------------|
| Melt Flow Rate           | D1238        | 50    | g/10 min          |
| Density                  | D1505 / D792 | 0.9   | g/cm <sup>3</sup> |
| Tensile Yield Strength   | D638         | 3,350 | psi               |
| Tensile Yield Elongation | D638         | 5.5   | %                 |
| Flexural Modulus         | D790 / D790A | 175   | kpsi              |
| Notched Izod (23°C)      | D256         | 2     | ft-lb/in          |

BlueClover is not the manufacturer of this product and did not perform the product tests outlined in this data sheet. Reported values are approximate and should be used as a guide only. Historical data can be furnished upon request where applicable. BlueClover has no control over the use to which customers may put this material and does not make any product guarantees. BlueClover does not guarantee the effectiveness or safety of this material in any regard.

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