

# COPYLENE® CH200L

Polypropylene Homopolymer

Phillips 66

Message:

COPYLENE® CH200L is designed for general purpose injection molding applications with anit-static and controlled rheology.

- Applications
- Food Containers
- Housewares
- Closures

| General Information                                      |                     |                   |             |
|--|---------------------|-------------------|-------------|
| Additive   | Antistatic          |                   |             |
| Features   | Antistatic          |                   |             |
|  | Controlled Rheology |                   |             |
|  | Homopolymer         |                   |             |
| Uses   | Closures            |                   |             |
|  | Food Containers     |                   |             |
|  | General Purpose     |                   |             |
|  | Household Goods     |                   |             |
| Forms  | Pellets             |                   |             |
| Processing Method  | Injection Molding   |                   |             |
| Physical   | Nominal Value       | Unit              | Test Method |
| Specific Gravity   | 0.902               | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)                | 20                  | g/10 min          | ASTM D1238  |
| Mechanical   | Nominal Value       | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (Yield)                    | 34.5                | MPa               | ASTM D638   |
| Tensile Elongation (Yield)                               | 9.0                 | %                 | ASTM D638   |
| Flexural Modulus - 1% Secant <sup>2</sup>                | 1450                | MPa               | ASTM D790A  |
| Impact   | Nominal Value       | Unit              | Test Method |
| Notched Izod Impact (23°C)                               | 32                  | J/m               | ASTM D256A  |
| Thermal  | Nominal Value       | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 103                 | °C                | ASTM D648   |
| NOTE   |                     |                   |             |
| 1.   | 51 mm/min           |                   |             |
| 2.   | 1.0 mm/min          |                   |             |

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