

# CP PRYME® Polycarbonate PC300HFR

Polycarbonate

Chase Plastics Services Inc.

## Message:

CP PRYME® Polycarbonate PC300HFR is a polycarbonate (PC) product. It is available in North America.

Features include:

high liquidity

mold release agent

excellent release agent

| General Information                                     |                             |                   |             |
|---|-----------------------------|-------------------|-------------|
| Additive  | demoulding                  |                   |             |
| Features  | High liquidity              |                   |             |
|   | Good demoulding performance |                   |             |
| Appearance  | Natural color               |                   |             |
| Forms   | Particle                    |                   |             |
| Physical  | Nominal Value               | Unit              | Test Method |
| Specific Gravity  | 1.20                        | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)                | 20                          | g/10 min          | ASTM D1238  |
| Mechanical  | Nominal Value               | Unit              | Test Method |
| Tensile Strength (23°C)                                 | 58.6                        | MPa               | ASTM D638   |
| Tensile Elongation (Break, 23°C)                        | 45                          | %                 | ASTM D638   |
| Flexural Modulus (23°C)                                 | 2280                        | MPa               | ASTM D790   |
| Flexural Strength (Yield, 23°C)                         | 89.6                        | MPa               | ASTM D790   |
| Impact  | Nominal Value               | Unit              | Test Method |
| Notched Izod Impact (23°C)                              | 640                         | J/m               | ASTM D256   |
| Thermal   | Nominal Value               | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 127                         | °C                | ASTM D648   |
| Additional Information                                  |                             |                   |             |

Melt Flow Rate, ASTM D1238, 300°C/10 Kg: 16 to 23 g/10 min

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## Recommended distributors for this material

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