

# Real solutions. Real commodity thermoplastics.

Whether it's a small, medium, or large application, we offer a portfolio of commodity thermoplastics to meet your needs. With many of our products already in stock, you're assured accessibility as well as reliability.

## Your total thermoplastics solutions provider

Count on us to provide a broad selection that includes branded, domestic, as well as global products.

- ▶ Ethylene-vinyl acetate (EVA)
- ▶ Polyethylene (PE)
- ▶ Polyethylene terephthalate (PET)
- ▶ Polypropylene (PP)
- ▶ Polystyrene (PS)
- ▶ Styrene Block Copolymers (SBC)



## CP PRYME® Commodities

See reverse side for physical properties of several core grades

|            |   |
|------------|---|
| 100 Series | Materials achieving superior performance properties. FDA and other regulatory compliances may be available.   |
| 200 Series | Materials that balance cost vs. performance while achieving near prime performance properties.  |
| 300 Series | Materials utilizing primarily post-industrial or post-consumer feedstock for cost reduction and improved sustainability in less stringent applications. |



Chase Plastics offers clarifying agents for haze reduction and improved optical transmittance in polypropylene. Our accomplished technical team of industry experts is standing by to develop a custom material that meets your needs and helps you exceed your business goals with the right materials at the right price. Please contact a Chase Plastics' representative for more information.



6467 Waldon Center Drive  
Clarkston, MI 48346  
248-620-2120  
orders 800-232-CHASE  
fax 248-620-3192  
[ChasePlastics.com](http://ChasePlastics.com)



# Commodity Thermoplastics

Please contact a Chase Plastics' representative for a FULL list of Commodity Products available

| CP Pryme®<br>Nomenclatures  | Melt Flow<br>Rate<br>(units g/10 min) | Notched Izod<br>Impact<br>(units ft-lb/in) | Specific<br>Gravity<br>(units g/cm <sup>3</sup> ) | Tensile<br>Strength at<br>Yield<br>(units psi) | Ultimate<br>Elongation<br>(units %) | Vicat<br>Softening<br>(units °C) | Flexural<br>Modulus<br>(units psi) |
|---|---------------------------------------|--|---|--|-------------------------------------|----------------------------------|------------------------------------|
| <b>Polypropylene Copolymer, FDA Compliant</b>                         |                                       |  |   |  |                                     |                                  |                                    |
| PPC100NB-.7FM NAT   | 0.7                                   | No break                                   | 0.9   | 4,200  | 13                                  | 145                              | 175,000                            |
| PPC100/2I-8M NAT  | 8                                     | 2  | 0.9   | 3,500  | 7                                   | 145                              | 160,000                            |
| PPC100/2I -20M NAT  | 20                                    | 2  | 0.9   | 3,450  | 10                                  | 145                              | 155,000                            |
| PPC100NB-20M NAT  | 20                                    | No break                                   | 0.9   | 2,905  | 50                                  | 145                              | 150,000                            |
| <b>Polypropylene Random Clarified Copolymer, FDA Compliant</b>        |                                       |  |   |  |                                     |                                  |                                    |
| PPC100RC-35M CLEAR  | 35                                    | 1  | 0.9   | 4,100  | N/A                                 | 145                              | 160,000                            |
| <b>Polypropylene Homopolymer, FDA Compliant</b>                       |                                       |  |   |  |                                     |                                  |                                    |
| PPH100-12M NAT  | 12                                    | 0.5  | 0.9   | 4,600  | 8                                   | 150                              | 190,000                            |
| PPH100NA-20M NAT<br>-Nucleated<br>-Antistatic                         | 20                                    | 0.5  | 0.9   | 4,600  | 10                                  | 150                              | 190,000                            |
| PPH100NA-35M NAT<br>-Nucleated<br>-Antistatic                         | 35                                    | 0.8  | 0.9   | 5,450  | 7                                   | 150                              | 255,000                            |
| <b>High Density Polyethylene, FDA Compliant</b>                       |                                       |  |   |  |                                     |                                  |                                    |
| PE100HDC-.35FM NAT<br>-Copolymer<br>-Fractional Melt                  | 0.35                                  | N/A  | 0.955   | 4,000  | >500                                | 124                              | 200,000                            |
| PE100HDC-8M NAT<br>-Copolymer   | 8                                     | 1.1  | 0.953   | 3,200  | >500                                | 120                              | 130,000                            |
| PE100HDC-20M NAT<br>-Copolymer  | 20                                    | 0.6  | 0.953   | 3,200  | >300                                | 120                              | 120,000                            |
| <b>Low Density Polyethylene, FDA Compliant</b>                        |                                       |  |   |  |                                     |                                  |                                    |
| PE100LD-2M NAT  | 2                                     | N/A  | 0.919   | 1,450  | 200                                 | 90                               | 30,000                             |
| PE100LD-20M NAT   | 20                                    | N/A  | 0.919   | 1,450  | 200                                 | 90                               | 25,000                             |
| <b>High Impact Polystyrene, FDA Compliant</b>                         |                                       |  |   |  |                                     |                                  |                                    |
| PS100HI-3M NAT  | 3                                     | 2  | 1.04  | 3,700  | N/A                                 | 97                               | 320,000                            |
| PS100HI-8M NAT  | 8                                     | 2  | 1.04  | 3,600  | N/A                                 | 96                               | 340,000                            |
| <b>General Purpose Polystyrene/Crystal Polystyrene, FDA Compliant</b> |                                       |  |   |  |                                     |                                  |                                    |
| PS100-14M<br>-Blue Tint Clear   | 14                                    | 0.3  | 1.04  | 6,400  | N/A                                 | 97                               | 460,000                            |
| PS100-18M<br>-Clear   | 18                                    | 0.25                                       | 1.04  | 6,400  | N/A                                 | 93                               | 430,000                            |

Final nomenclatures may vary. These test results are based on reliable procedures. Due to variable conditions or methods of processing, no guarantees or warranties are expected or implied, including warranty of fitness for a particular purpose. These are neither product specifications nor manufacturing minimums. Each user of the material should make appropriate tests to determine the suitability of the material for use.  
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