

Lucent Pp PPC-0320

Polypropylene  
LyondellBasell Industries  
Engineering Plastics

Product Description

Impact Modified Polypropylene

Colors Available  
Add "U" for UV Stabilized  
Add "H" for Heat Stabilized

General

|                   |                     |
|-------------------|---------------------|
| Additive          | • Impact Modifier   |
| Features          | • Impact Modified   |
| Appearance        | • Colors Available  |
| Processing Method | • Injection Molding |

| Physical                                                           | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------------------------------------------------------|-------------------------|--------------------|-------------|
| Density / Specific Gravity                                         | 0.910                   | 0.908 g/cm³        | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)                          | 20 g/10 min             | 20 g/10 min        | ASTM D1238  |
| Mechanical                                                         | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength (Yield)                                           | 4300 psi                | 29.6 MPa           | ASTM D638   |
| Tensile Elongation (Break)                                         | > 10 %                  | > 10 %             | ASTM D638   |
| Flexural Modulus                                                   | 100000 psi              | 689 MPa            | ASTM D790   |
| Flexural Strength                                                  | 5000 psi                | 34.5 MPa           | ASTM D790   |
| Impact                                                             | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact (0.125 In (3.18 Mm))                           | 2.8 ft·lb/in            | 150 J/m            | ASTM D256   |
| Thermal                                                            | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load<br>264 Psi (1.8 Mpa), Unannealed | 120 °F                  | 48.9 °C            | ASTM D648   |



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| Injection              | Nominal Value (English) | Nominal Value (SI) |
|------------------------|-------------------------|--------------------|
| Drying Temperature     | 176 °F                  | 80 °C              |
| Drying Time            | 2.0 to 3.0 hr           | 2.0 to 3.0 hr      |
| Processing (Melt) Temp | 428 to 500 °F           | 220 to 260 °C      |
| Mold Temperature       | 86 to 140 °F            | 30 to 60 °C        |

Notes

These are typical property values not to be construed as specification limits.

