

Polyman (ABS) LP 340

Acrylonitrile Butadiene Styrene  
LyondellBasell Industries  
Engineering Plastics

**Product Description**  
High flow and medium impact ABS grade

| General             |                     |             |                            |
|---------------------|---------------------|-------------|----------------------------|
| Features            | • Antistatic        | • High Flow | • Medium Impact Resistance |
| Processing Method   | • Injection Molding |             |                            |
| Resin ID (ISO 1043) | • ABS               |             |                            |

| Physical                                     | Nominal Value (English) | Nominal Value (SI) | Test Method |
|----------------------------------------------|-------------------------|--------------------|-------------|
| Density                                      | 1.05 g/cm³              | 1.05 g/cm³         | ISO 1183/A  |
| Melt Volume-Flow Rate (MVR) (220°C/10.0 Kg)  | 40 cm³/10min            | 40 cm³/10min       | ISO 1133    |
| Impact                                       | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Charpy Notched Impact Strength (73°F (23°C)) | 6.7 ft·lb/in²           | 14 kJ/m²           | ISO 179/1eA |
| Thermal                                      | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Vicat Softening Temperature                  | 207 °F                  | 97.0 °C            | ISO 306/B50 |
| Flammability                                 | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Burning Rate                                 |                         |                    |             |
| 0.0787 In (2.00 Mm)                          | < 3.9 in/min            | < 100 mm/min       | ISO 3795    |
| 0.0787 In (2.00 Mm)                          | < 3.9 in/min            | < 100 mm/min       | FMVSS 302   |

**Additional Information**  
1.) Not for use in food contact applications  
2.) Not for use in medical or pharmaceutical applications

Notes

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

