

## Technical Data Sheet

# 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/cm <sup>3</sup>    | 1.05 g/cm <sup>3</sup>    | ISO 1183/A  |
| Melt Volume-Flow Rate (MVR) (220°C/10.0 Kg)  | 40 cm <sup>3</sup> /10min | 40 cm <sup>3</sup> /10min | ISO 1133    |
| Impact                                       | Nominal Value (English)   | Nominal Value (SI)        | Test Method |
| Charpy Notched Impact Strength (73°F (23°C)) | 6.7 ft·lb/in <sup>2</sup> | 14 kJ/m <sup>2</sup>      | 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.