

# SEQUEL® 1440-UV YGYA EA

Polypropylene  
LyondellBasell Industries

Message:

Sequel 1440-UV YGYA EA engineered polyolefin material is typically used for large automotive exterior applications that require ductile impact properties at low temperatures, excellent part appearance, and processability.

| General Information                       |                                   |          |
|---|-----------------------------------|----------|
| Features                                  | Workability, good                 |          |
|   | Sprayable                         |          |
|   | Low temperature impact resistance |          |
| Uses                                      | Car anti-collision bar            |          |
|   | Application in Automobile Field   |          |
|   | Automotive exterior parts         |          |
| Processing Method                         | Injection molding                 |          |
| Physical                                  | Nominal Value                     | Unit     |
| Density (23°C)                            | 0.960                             | g/cm³    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 26                                | g/10 min |
| Mechanical                                | Nominal Value                     | Unit     |
| Tensile Strength (Yield)                  | 17.0                              | MPa      |
| Tensile Elongation (Break)                | > 500                             | %        |
| Impact                                    | Nominal Value                     | Unit     |
| Charpy Notched Impact Strength            |                                   |          |
| -20°C                                     | 9.4                               | kJ/m²    |
| 23°C                                      | 27                                | kJ/m²    |
| Notched Izod Impact                       |                                   |          |
| -20°C                                     | 10                                | kJ/m²    |
| 23°C                                      | 25                                | kJ/m²    |

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