# Allen ABS Centrex® 825/LXS

Acrylonitrile Butadiene Styrene

SEKISUI Polymer Innovations, LLC

## Message:

Centrex® 825/LXS is high impact ABS capped with Centrex® ASA for UV protection and high gloss finish.
Common Applications:
Vehicle Exteriors
Marine parts
Radomes
Features and Benefits:
Custom color matching
Excellent UV properties
Edge trim easily used into future orders
High gloss finish

| General Information | | | |
|---|---|---|---|
| Features | Good Impact Resistance<br>Good UV Resistance<br>Good Weather Resistance<br>High Gloss | | |
| Uses | Automotive Applications<br>Marine Applications | | |
| Processing Method | Sheet Extrusion | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Specific Gravity | 1.02 to 1.04 | g/cm³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.50 to 0.70 | % | ASTM D955 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Strength (Yield) | 34.5 | MPa | ASTM D638 |
| Flexural Modulus | 2000 | MPa | ASTM D790 |
| Flexural Strength | 55.8 | MPa | ASTM D790 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Notched Izod Impact | | | ASTM D256 |
| -18°C | 53 | J/m | |
| 23°C | 320 | J/m | |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 90.6 | °C | ASTM D648 |
| **Flammability** | **Nominal Value** | | **Test Method** |
| Flame Rating (1.52 mm) | HB | | UL 94 |
| **Optical** | **Nominal Value** | | **Test Method** |
| Gloss (60°) | > 85 | | ASTM D523 |

## Recommended distributors for this material

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