

Hybrid[®] S464LG ABS/PC Alloy Resin



*Instrument Panel / Interior Trim

Product Attributes

- Reduced Gloss
- Custom Colored
- Interior UV Resistance
- Higher Heat Resistance
- High Impact
- High Flow

Material Approvals

- DCX MSDB300 CPN4352
- Custom Colored (DX9 Black)

| PROPERTY | METHOD | UNIT | VALUES |
|-------------------------------------|------------|--------------------------|-----------|
| PHYSICAL | | | |
| Melt Flow Index (260°C x 3.8kg) | ASTM D1238 | g/10min | 15 |
| Specific Gravity | ASTM D792 | - | 1.13 |
| Mold Shrinkage (Flow, 1/8 in.) | ASTM D955 | in/in x 10 ⁻³ | 5-7 |
| MECHANICAL@ 73°F* | | | |
| Izod Impact Strength (Notched 1/8") | ASTM D256 | ft•lb/in (J/m) | 10 (534) |
| Tensile Strength at Yield | ASTM D638 | psi | 7,500 |
| | | MPa | 52 |
| Tensile Strength at Break | ASTM D638 | Psi | 8,200 |
| | | MPa | 57 |
| Elongation at Break | ASTMD638 | % | 55 |
| Flexural Modulus | ASTM D790 | psi | 320,000 |
| | | MPa | 2,206 |
| Flexural Strength at Break | ASTM D790 | psi | 11,200 |
| | | MPa | 77 |
| THERMAL* | | | |
| Heat Deflection Temp. (Unannealed) | ASTM D648 | | |
| 264 psi (1.82 MPa) | | °Φ (°)X | 230 (110) |

†The data listed here fall within the normal range of product properties, but they should not be used to establish specification limits or used alone as a basis for design. This information is not intended as a warranty of any kind. Buyers must make their own representative test and assume all risks of use, whether used alone or in combination with other products. Entech Polymers, LLC assumes no obligation or liability of any advice furnished by it or results obtained with respect to these products. All warranties expressed or implied including warranties of merchantability for a particular purpose or use are excluded and disclaimed. Entech Polymers, LLC assumes no liability for use of products in infringement of any patent. The foregoing limitation of remedy and exclusion of liability is reflected in and is part of the consideration for the price at which the products are sold by Entech Polymers, LLC. All data displayed herein has been obtained via testing of injection-molded specimens of natural color. Pigmentation may affect certain properties to various degrees.