

**ACCUCOMP™ ABS811L**

ABS

LyondellBasell Industries

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ASTM Data</b>                           |              |             |                      |
| Melt Flow Index, MFI                       | <b>3</b>     | g/10min     | ASTM D 1238          |
| Mold Shrinkage, MD                         | <b>0.006</b> | mm/mm       | ASTM D 955           |

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Modulus              | <b>1750</b>  | MPa         | ASTM D 638           |
| Tensile Strength at Yield    | <b>46</b>    | MPa         | ASTM D 638           |
| Elongation at Break          | <b>20</b>    | %           | ASTM D 638           |
| Flexural Modulus             | <b>2700</b>  | MPa         | ASTM D 790           |
| Flexural Strength            | <b>70</b>    | MPa         | ASTM D 790           |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| DTUL @ 66 psi             | <b>84</b>    | °C          | ASTM D 648           |
| DTUL @ 264 psi            | <b>73</b>    | °C          | ASTM D 648           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1050</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Regional Availability**

North America