

## Technical Data Sheet

### *Polyflam* RPP 1021-2A519 GRAY



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

PP Unfilled Flame Retardant PBDE-Free

#### Regulatory Status

For regulatory compliance information, see *Polyflam* RPP 1021-2A519 GRAY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                     |                    |
|---------------------|--------------------|
| <b>Status</b>       | Commercial: Active |
| <b>Availability</b> | North America      |
| <b>Additive</b>     | Flame Retardant    |

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 0.93          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength at Yield, (50 mm/min)                 | 28.0          | MPa               | ASTM D638   |
| Flexural Modulus, (1.3 mm/min)                         | 1300          | MPa               | ASTM D790   |
| Tensile Elongation at Break, (50 mm/min)               | 300           | %                 | ASTM D638   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact                                    | 85            | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 50            | °C                | ASTM D648   |
| Deflection Temperature Under Load Unannealed (66 psi)  | 83            | °C                | ASTM D648   |
| <b>UL Information</b>                                  |               |                   |             |
| Flame Rating                                           | V-2           |                   | UL 94       |

## Notes

These are typical property values not to be construed as specification limits.

## Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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