

## Technical Data Sheet

### *Polyflam* RPP 2200-4A219 LIGHT BEIGE



Polypropylene Copolymer

#### Product Description

20% glass reinforced copolymer polypropylene flame retardant with a V-2 flammability rating.

#### Regulatory Status

For regulatory compliance information, see *Polyflam* RPP 2200-4A219 LIGHT BEIGE [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                      |                   |
|----------------------|-------------------|
| Status               | Discontinued      |
| Availability         | North America     |
| Processing Method    | Injection Molding |
| Additive             | Flame Retardant   |
| Filler/Reinforcement | Glass Fiber, 20%  |

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Melt Flow Rate, (230 °C/2.16 kg)                       | 12            | g/10 min          | ASTM D1238  |
| Density - Specific Gravity                             | 1.14          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength at Break                              | 48            | MPa               | ASTM D638   |
| Flexural Modulus, (1.3 mm/min)                         | 3620          | MPa               | ASTM D790   |
| Tensile Elongation at Break, (50 mm/min)               | 10            | %                 | ASTM D638   |
| Flexural Strength at Break                             | 48            | MPa               | ASTM D790   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact                                    | 110           | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 121           | °C                | ASTM D648   |
| Deflection Temperature Under Load Unannealed (66 psi)  | 155           | °C                | ASTM D648   |
| <b>UL Information</b>                                  |               |                   |             |
| Flame Rating, (1.5 mm)                                 | 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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