

## Technical Data Sheet

### **Polyflam RPP 373U-1398 WHITEWHI**



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

*Polyflam* RPP 373 is a high performance polypropylene product with UL 94 V-0 flammability.

|                      |                 |
|----------------------|-----------------|
| Attribute            | UV Stabilized   |
| Additive             | Flame Retardant |
| Filler/Reinforcement | Mineral         |

| Typical Properties                                    | Nominal Value | Units             | Test Method |
|-------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                       |               |                   |             |
| Melt Flow Rate                                        | 16            | g/10 min          | ASTM D1238  |
| Density - Specific Gravity                            | 1.35          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                     |               |                   |             |
| Tensile Strength at Yield, (50 mm/min)                | 13.0          | MPa               | ASTM D638   |
| Flexural Strength at Yield                            | 22            | MPa               | ASTM D790   |
| Flexural Modulus, (1.3 mm/min)                        | 1320          | MPa               | ASTM D790   |
| Tensile Elongation at Break, (50 mm/min)              | 41            | %                 | ASTM D638   |
| <b>Impact</b>                                         |               |                   |             |
| Notched Izod Impact                                   | 220           | J/m               | ASTM D256   |
| <b>Thermal</b>                                        |               |                   |             |
| Deflection Temperature Under Load Unannealed (66 psi) | 85            | °C                | ASTM D648   |
| <b>UL Information</b>                                 |               |                   |             |
| Flame Rating                                          |               |                   |             |
| (1.5 mm)                                              | V-0           |                   | UL 94       |
| (3.0 mm)                                              | 5VA           |                   | UL 94       |
| UL File Number, (USA)                                 | E51193        |                   |             |
| Outdoor Suitability                                   |               |                   | UL 746C     |