## Verolloy A5734

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

## Message:

Verolloy A5734 is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product filled with 20% glass fiber. It is available in Europe or North America. Characteristics include:

Flame Rated

Flame Retardant

**Heat Resistant** 

| General Information                    |                                  |       |             |
|--|----------------------------------|-------|-------------|
| Filler / Reinforcement                 | Glass Fiber,20% Filler by Weight |       |             |
| Features                               | Flame Retardant                  |       |             |
|  | High Heat Resistance             |       |             |
|  |                                  |       |             |
| Forms                                  | Pellets                          |       |             |
| Physical                               | Nominal Value                    | Unit  | Test Method |
| Specific Gravity                       | 1.43                             | g/cm³ | ASTM D792   |
| Mechanical                             | Nominal Value                    | Unit  | Test Method |
| Tensile Strength (Break)               | 97.2                             | MPa   | ASTM D638   |
| Flexural Modulus                       | 5870                             | MPa   | ASTM D790   |
| Flexural Strength                      | 157                              | MPa   | ASTM D790   |
| Impact                                 | Nominal Value                    | Unit  | Test Method |
| Notched Izod Impact (23°C, 3.18 mm)    | 110                              | J/m   | ASTM D256   |
| Thermal                                | Nominal Value                    | Unit  | Test Method |
| Deflection Temperature Under Load (1.8 |                                  |       |             |
| MPa, Unannealed)                       | 198                              | °C    | ASTM D648   |
| Flammability                           | Nominal Value                    |       | Test Method |
| Flame Rating (1.50 mm)                 | V-0                              |       | UL 94       |

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## Recommended distributors for this material

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