Novalloy-A A5624

Acrylonitrile Butadiene Styrene + Nylon

Daicel Polymer Ltd.

Message:

Novalloy-A A5624 is an acrylonitrile butadiene styrene + nylon (ABS + nylon) product, which contains a 20% glass fiber reinforced material. It is available in Europe. Features include: flame retardant/rated flame Flame Retardant

| General Information | | | |
|--|-------------------------------------|--------------------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material, 20 | % filler by weight | |
| Features | Flame retardancy | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.45 | g/cm³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 90.3 | МРа | ASTM D638 |
| Flexural Modulus | 5970 | MPa | ASTM D790 |
| Flexural Strength | 147 | МРа | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 120 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 | | | |
| MPa, Unannealed) | 166 | °C | ASTM D648 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating (0.750 mm) | V-0 | | UL 94 |

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