

DESCRIPTION

Resirene READ 9600 5V RAF its an easy to process HIPS and its optimal for injection molding process

FEATURES

- Flame Retardant
- Impact Resistant
- UV Stability
- Non Deca
- No pre-drying required
- UL 94, V0 5VA

APPLICATIONS: Injection molding, Printers, Typewriters, Smoke Detectors, Audio & Video Components

PROPERTIES

| | ENGLISH | | S.I. | | ASTM |
|----------------------------|--------------------|----------------|-------------------|--------------|-------|
| PHYSICAL | | | | | |
| Specific Gravity | lb/in ³ | 0.05 | g/cm ³ | 1.15 | |
| Melt Flow Rate (200oC/5Kg) | g/10 min | 1.6 | g/10 min | 1.6 | D1238 |
| Mold Shrinkage | plg/plg | 0.004 | mm/mm | 0.004 | D955 |
| MECHANICAL | | | | | |
| Tensile Strength, Yield | psi | 2,756 | Mpa | 19.0 | D638 |
| Yield Elongation | % | 3 | % | 3 | D638 |
| Tensile Strength, Break | psi | 2,611 | Mpa | 18 | D638 |
| Break Elongation | % | 44 | % | 44 | D638 |
| Tensile Modulus | psi | 329,961 | Mpa | 2,275 | D638 |
| IMPACT RESISTANCE | | | | | |
| Impact Izod (0.125 in) | ft-lb/in | 2.0 | J/m | 106.8 | D256 |
| THERMAL | | | | | |
| HDT @ 264 psi (unannealed) | oF | 172 | oC | 78 | D648 |

.Typical values represent average laboratory values and are intended as guides only, not as specification.

.Properties designated in this standard have been determined in accordance with the current issue of the specified testing methods

PROCESSING CONDITIONS

MOLDING Temperature Profile

Mold Temperature

Maximum Recommended Temperature

°C

(200-230)

240

240

°F

(392-446)

464

464

ADDITIONAL INFORMATION

ENVIRONMENTAL

Resirene's materials are biological and chemically inert. If possible recycling of final parts is recommended. If you require dispose it, follow indications established by government laws, related norms and the material safety data sheet.

WARNING:

As most plastics materials, combustion of this material may cause hazardous fumes and gases, as well as situations that could be dangerous for health, especially in closed places. It should be noted that excessive heating or long residence times may cause degradation or yellowing

NOTE:

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