

### DESCRIPTION

Resirene READ 9400 RAF its an easy to process HIPS and its optimal for injection molding process

### FEATURES

- Flame Retardant
- High Flow
- High Impact
- Decabromide free
- UL 94, V0

**APPLICATIONS:** Injection molding, Office wares, Printers, Typewriters, TV sets

### PROPERTIES

	ENGLISH		S.I.		ASTM
<b>PHYSICAL</b>					
Specific Gravity	lb/in <sup>3</sup>	<b>0.05</b>	g/cm <sup>3</sup>	<b>1.15</b>	
Melt Flow Rate (200oC/5Kg)	g/10 min	<b>8.0</b>	g/10 min	<b>8.0</b>	D1238
Mold Shrinkage	plg/plg	<b>0.004</b>	mm/mm	<b>0.004</b>	D955
<b>MECHANICAL</b>					
Tensile Strength, Yield	psi	<b>2,031</b>	Mpa	<b>14.0</b>	D638
Yield Elongation	%	<b>1</b>	%	<b>1</b>	D638
Tensile Strength, Break	psi	<b>1,450</b>	Mpa	<b>10</b>	D638
Break Elongation	%	<b>35</b>	%	<b>35</b>	D638
Tensile Modulus	psi	<b>259,763</b>	Mpa	<b>1,791</b>	D638
<b>IMPACT RESISTANCE</b>					
Impact Izod (0.125 in)	ft-lb/in	<b>2.2</b>	J/m	<b>117.4</b>	D256
<b>IGNITION CHARACTERISTICS</b>					
Flammability 0.060 in	-	<b>V0</b>	-	<b>V0</b>	UL94

.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)

(38-82)

240

°F

(392-446)

(100-180)

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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