

DESCRIPTION

Resirene READ 9500 RAF its an easy to process HIPS and its optimal for injection molding process

FEATURES

- Flame Retardant
- High Flow
- High Impact
- No pre-drying required

APPLICATIONS: Injection molding, Dark Colors, TV sets, Electronics

PROPERTIES

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	10.0	g/10 min	10.0	D1238
Mold Shrinkage	plg/plg	0.004	mm/mm	0.004	D955
MECHANICAL					
Tensile Strength, Yield	psi	2,031	Mpa	14.0	D638
Yield Elongation	%	1	%	1	D638
Tensile Strength, Break	psi	1,450	Mpa	10	D638
Break Elongation	%	35	%	35	D638
Tensile Modulus	psi	259,763	Mpa	1,791	D638
IMPACT RESISTANCE					
Impact Izod (0.125 in)	ft-lb/in	2.2	J/m	117.4	D256
IGNITION CHARACTERISTICS					
Flammability 0.060 in	-	V0	-	V0	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)

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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