Resirene READ 9600 5V RAF

High Impact Polystyrene

Resirene, S.A. de C.V.

Message:

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

General Information			
Additive	Flame Retardant UV Stabilizer		
Features	Flame Retardant High Impact Resistance Ignition Resistant		
Uses	Printer Video Equipment		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.15	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.6	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.40	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	19.0	MPa	
Break	18.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	44	%	
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.18 mm)	110	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	78.0	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
	V-0		
Flame Rating	5VA		UL 94

Injection	Nominal Value	Unit
Rear Temperature	200 to 230	°C
Middle Temperature	200 to 230	°C
Front Temperature	200 to 230	°C
Processing (Melt) Temp	< 240	°C
Mold Temperature	240	°C

Recommended distributors for this material

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