

# Resirene READ 9400 RAF

High Impact Polystyrene

Resirene, S.A. de C.V.

Message:

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

General Information			
UL YellowCard	E85100-499616		
Features	Flame Retardant		
	High Flow		
	High Impact Resistance		
Uses	Business Equipment		
	Electrical/Electronic Applications		
	Printer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1790	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	14.0	MPa	
Break	10.0	MPa	
Tensile Elongation			ASTM D638
Yield	1.0	%	
Break	35	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	120	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	V-0		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	38.0 to 82.0	°C	

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