

Biorene® HF-20

Polystyrene Alloy
Resirene, S.A. de C.V.

Message:
A hybrid resin between PS and Starch with excellent mechanical and thermal properties.

General Information			
Features	Renewable Resource Content		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	488	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	14.0	MPa	
Break	17.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	38	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190	°C	
Mold Temperature	40.0	°C	

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Recommended distributors for this material


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