

# FHR Polypropylene P6G2N-095

Polypropylene Impact Copolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Impact copolymer  
FEATURES: Excellent stiffness and impact resistance, nucleated, suitable for retort and hot fill applications. Product does not contain animal derived components.  
APPLICATIONS: Blow molding, sheet/thermoforming for food, personal care, household chemicals and industrial parts

General Information			
UL YellowCard	E336707-100613169		
Additive	Nucleating Agent		
Features	High Impact Resistance		
	High Stiffness		
	Impact Copolymer		
	No Animal Derived Components		
	Nucleated		
Uses	Blow Molding Applications		
	Household Goods		
	Industrial Applications		
	Industrial Parts		
	Non-specific Food Applications		
	Personal Care		
	Sheet		
	Thermoformed Containers		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
RoHS Compliance	Contact Manufacturer		
Processing Method	Blow Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus - Tangent <sup>1</sup>	1350	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	112	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
NOTE			
1.	1.3 mm/min		

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#### Recommended distributors for this material

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