

# FHR Polypropylene P9H2M-061X

Polypropylene Impact Copolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Specialty Impact Copolymer  
FEATURES: Good Clarity, High Toughness, Product does not contain any animal derived components.  
APPLICATIONS: Designed for Blow molding and Thermoforming

General Information			
Features	Good Toughness		
	High Clarity		
	Impact Copolymer		
	No Animal Derived Components		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
	FDA 21 CFR 177.1520(c) 3.4		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Blow Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.8	MPa	ASTM D638
Tensile Elongation (Yield)	8.8	%	ASTM D638
Flexural Modulus - Tangent	1340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	520	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.0	°C	ASTM D648

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