

FHR Polypropylene P9R2M-062X

Polypropylene Random Copolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Specialty Random Copolymer
FEATURES: Good clarity, High Toughness.
APPLICATIONS: Designed for Blow molding and Thermoforming

General Information			
Features	Good Toughness		
	High Clarity		
	Random Copolymer		
	Specialty Grade		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
	FDA 21 CFR 177.1520(c) 3.2c		
Forms	Pellets		
Processing Method	Blow Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	62		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.1	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - Tangent	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	510	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	91.0	°C	ASTM D648

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