

FHR Polypropylene P6G4Z-097

Polypropylene Impact Copolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Impact Copolymer
FEATURES: Good impact stiffness balance. Product does not contain animal derived components.
APPLICATIONS: Injection molding: appliance components, consumer durables, caps and closures

General Information			
UL YellowCard	E336707-100613171		
Features	Durable		
	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
	No Animal Derived Components		
Uses	Appliance Components		
	Caps		
	Closures		
	Consumer Applications		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus - Tangent	1190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Gardner Impact (-30°C)	24.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating	HB	UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

