

FHR Polypropylene AP7535-HS

Polypropylene Impact Copolymer

Flint Hills Resources, LP

Message:

FHR Polypropylene AP7535-HS is a Polypropylene Impact Copolymer (PP Impact Copolymer) product. It can be processed by injection molding and is available in North America. Applications of FHR Polypropylene AP7535-HS include appliances, automotive and consumer goods.

Characteristics include:

- Copolymer
- Good Processability
- Good Stiffness
- Heat Stabilizer
- Impact Resistant

General Information			
Additive	Heat Stabilizer		
Features	Good Processability		
	Good Stiffness		
	Heat Stabilized		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Consumer Applications		
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)	35	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)	20.0	MPa	ASTM D638
Flexural Modulus - Tangent	931	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	480	J/m	ASTM D256
Instrumented Dart Impact ¹ (-30°C)	Ductile		ASTM D3029
Gardner Impact (-30°C)	36.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.0	°C	ASTM D648
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NOTE

1. 2.3 m/sec

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