

FHR Polypropylene AP5520-HA

Polypropylene Impact Copolymer

Flint Hills Resources, LP

Message:

FHR Polypropylene AP5520-HA 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 AP5520-HA include caps/lids/closures, containers and food contact applications.

Characteristics include:

- Antistatic
- Copolymer
- Good Mold Release
- Good Processability
- Nucleated

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Good Mold Release		
	Good Processability		
	Impact Copolymer		
	Nucleated		
Uses	Closures		
	Containers		
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)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus - Tangent	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Gardner Impact (-30°C)	17.0	J	ASTM D5420

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

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