

FHR Polypropylene AP6835-HS

Polypropylene Impact Copolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Impact Copolymer
FEATURES: Excellent processing, good low temperature impact strength.
APPLICATIONS: Injection molding: Appliance components, consumer durables and closures

General Information			
Features	Good Processability		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Appliance Components		
	Closures		
	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)	91		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.0	MPa	ASTM D638
Flexural Modulus - Tangent	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ASTM D256
Gardner Impact (-30°C)	36.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648

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