

FHR Polypropylene 13T55V

Polypropylene Random Copolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Random Copolymer
FEATURES: Excellent clarity and processing. Produced without animal derived components.
APPLICATIONS: Injection molding: high clarity parts.

General Information			
Features	Good Processability		
	High Clarity		
	No Animal Derived Components		
	Random Copolymer		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	55	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	79		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.8	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant	953	MPa	
Tangent	1010	MPa	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	58	J/m	ASTM D256
Gardner Impact (23°C)	14.3	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	72.0	°C	ASTM D648

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