

FHR Polypropylene P9H8M-015

Polypropylene
Flint Hills Resources, LP

Message:

DESCRIPTION: Specialty Polypropylene
FEATURES: Produced without animal derived components or phthalates.
APPLICATIONS: Extrusion coating
REGULATORY:
FDA - 21 CFR– 177.1520 (c) 1.1a and 2.2

General Information			
Features	No Animal Derived Components		
Uses	Coating Applications		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
	FDA 21 CFR 177.1520(c) 2.2		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.901	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	53	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	87		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant	1070	MPa	
Tangent	1130	MPa	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	J/m	ASTM D256
Gardner Impact (23°C)	2.00	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.0	°C	ASTM D648

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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

