

FHR Polypropylene 43S2A

Polypropylene Random Copolymer

Flint Hills Resources, LP

Message:

FHR Polypropylene 43S2A is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by blow molding or film extrusion and is available in North America. Applications of FHR Polypropylene 43S2A include film and food contact applications.

Characteristics include:

Clarity
Copolymer

General Information	
Features	Medium Clarity
	Random Copolymer
Uses	Blow Molding Applications
	Film
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a
RoHS Compliance	Contact Manufacturer
Forms	Pellets
Processing Method	Blow Molding
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.2	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant	835	MPa	
Tangent	869	MPa	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	79.0	°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

