

# FHR Polypropylene P4G4T-017A

Polypropylene Homopolymer

Flint Hills Resources, LP

Message:

DESCRIPTION: Homopolymer  
FEATURES: Excellent mold release and Antistat. Produced without animal derived components or phthalates.  
APPLICATIONS: Injection Molding: caps and closures  
REGULATORY:  
FDA - 21 CFR 177.1520 (c) 1.1a.

General Information			
Additive	Antistatic Mold Release		
Features	Antistatic Good Mold Release Homopolymer No Animal Derived Components		
Uses	Caps Closures		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant	1370	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Gardner Impact (23°C)	3.00	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

