

# Favorite REG100

Polyethylene  
Favorite Plastics

Message:

Favorite REG100 is a Polyethylene product. It is available in North America. Applications of Favorite REG100 include food contact applications and packaging. Primary characteristic: slip.

General Information			
Additive	High Slip		
Features	High Slip		
Uses	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Static)	0.12		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	32	μm	
Tensile Strength - MD			ASTM D882
Yield	20.3	MPa	
Break	24.1	MPa	
Tensile Elongation - MD (Break)	360	%	ASTM D882
Dart Drop Impact	85	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	75		ASTM D2457
Haze	5.0	%	ASTM D1003

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