

Qenos PE GM4755F

High Density (HMW) Polyethylene

Qenos Pty Ltd

Message:

GM4755F is a high molecular weight High Density Polyethylene.
GM4755F is intended for the production of blown film of greater than 10µm in thickness. Typical applications include carry bags and liners. Suitability for use in any application should be determined by appropriate performance testing.
GM4755F is suitable for food contact applications and conforms to the requirements of the United States Food and Drug Administration CFR 21 177.1520, paragraph (c) item 3.1.

General Information			
Features	Food Contact Acceptable		
Uses	Bags		
	Film		
	Liners		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.949	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.10	g/10 min	
190°C/5.0 kg	0.30	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1100	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	15	µm	
Tensile Strength - MD (Yield,15 µm)	29.0	MPa	ASTM D882
Dart Drop Impact (15 µm)	200	g	ASTM D1709

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