Qenos PE GE4760

High Density (MMW) Polyethylene

Qenos Pty Ltd

Message:

GE4760 is a medium molecular weight, easy flow High Density Polyethylene blow moulding grade.
GE4760 is particularly suited to high speed production of thin-walled dairy and fruit juice bottles. Suitability for use in any application should be determined by appropriate performance testing.
GE4760 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 Good Flow Medium Molecular Weight		
Uses	Bottles Fruit Juice Bottles		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.958	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.60	g/10 min	
190°C/5.0 kg	2.5	g/10 min	
Environmental Stress-Cracking Resistance	40.0	hr	ASTM D1693B
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (-30°C)	900	J/m	ASTM D256A

Recommended distributors for this material

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