

Qenos PE GF7660 White 22

High Density Polyethylene

Qenos Pty Ltd

Message:

GF7660 White 22 is a white pigmented blow moulding grade of High Density Polyethylene which exhibits good ESCR. GF7600 White 22 is used in applications including, detergent and pharmaceutical bottles where excellent pigment dispersion is required. Suitability for use in any application should be determined by appropriate performance testing. GF7660 White 22 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 High ESCR (Stress Crack Resist.)		
Uses	Bottles		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
Appearance	White		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.961	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.40	g/10 min	
190°C/5.0 kg	1.6	g/10 min	
Environmental Stress-Cracking Resistance	200	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-30°C)	900	J/m	ASTM D256A

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