

Qenos PE HD3690

High Density Polyethylene

Qenos Pty Ltd

Message:

HD3690 is a high flow injection moulding grade of High Density Polyethylene.

HD3690 is intended for use in the production of thin-walled injection mouldings. Suitability for use in any application should be determined by appropriate performance testing.

HD3690 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 Flow		
Uses	Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	36	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness	50.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-30°C)	26	J/m	ASTM D256A

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