

Clearflex® CH G0

Very Low Density Polyethylene

Versalis S.p.A.

Message:

Clearflex CH G0 is a linear low density polyethylene, with antioxidants, characterised by a very low density (VLDPE).

The resin has an excellent compatibility with polyolefins and fillers.

Main Application

Clearflex CH G0 is recommended for applications in which soft touch and flexibility are required, for improvement of impact resistance when used as additive in blend with other polyolefins formulated with or without mineral fillers.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	Good Flexibility		
	Low Density		
	Soft		
Uses	Blending		
	Soft Touch Applications		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.887	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Stress - MD (Break)	13.0	MPa	ISO 527-3
Tensile Elongation - MD (Break)	> 800	%	ISO 527-3
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	38.0	°C	ISO 306/A
Melting Temperature	110	°C	Internal Method
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 230	°C	

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