OKITEN® 233 A

Low Density Polyethylene

DIOKI d.d.

Message:

OKITEN® 233 A is low density polyethylene, without slip agent, intended for extrusion of general purpose blown film.
OKITEN® 233 A is characterized by excellent processing properties and thermal stability. Extruded film has good mechanical properties.

General Information	
Additive	Heat Stabilizer
Features	Food Contact Acceptable
	Good Processability
	Good Stiffness
	Good Thermal Stability
	Heat Stabilized
	Opticals
Uses	Blending
	Film
	Shrink Wrap
Agency Ratings	EC 1907/2006 (REACH)
	EU 2002/72/EC
	EU 2004/19/EC
	EU 94/62/EC
Forms	Pellets
Processing Method	Blown Film
	Coextrusion
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm^3	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ISO 1133

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	46		ISO 868

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	10.0	MPa	
Break	15.0	MPa	
Tensile Strain (Break)	770	%	ISO 527-2

Coefficient of Friction				ISO 8295
vs. Itself - Dynamic	> 0.40			
vs. Itself - Static	> 0.40			

Films	Nominal Value	Unit		Test Method
Film Thickness - Tested	50	µm		
Film Thickness - Recommended / Available	0.040 mm to 0.100 mm			

Thermal	Nominal Value	Unit		Test Method
Vicat Softening Temperature	96.0	°C		ISO 306/A

Extrusion	Nominal Value	Unit
Melt Temperature	145 to 180	°C

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