# OKITEN® 245 S Low Density Polyethylene DIOKI d.d. Web



#### **Product Description**

OKITEN® 245 S is low density polyethylene intended for extrusion of thin blown film having high slip properties.

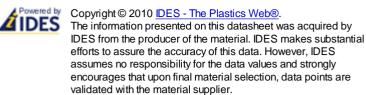
OKITEN® 245 S is characterized by excellent processability and thermal stability; the extruded film exhibits high transparency and very good mechanical properties.

OKITEN® 245 S. is extruded in temperature range of 145°C to 170°C. Recommended film thickness: 0.025 mm to 0.060mm.

### General

General			
Material Status	Commercial: Active		
Literature <sup>1</sup>	Technical Datasheet (Engl	lish)	
Availability	Europe		
Additive	Heat Stabilizer	• Slip	
Features	<ul><li>Food Contact Acceptable</li><li>Good Thermal Stability</li></ul>	<ul><li>Heat Stabilized</li><li>High Clarity</li></ul>	<ul><li>High Gloss</li><li>Slip</li></ul>
Uses	<ul><li>Bags</li><li>Blending</li></ul>	<ul><li>Film</li><li>Food Packaging</li></ul>	
Agency Ratings	<ul><li>EC 1907/2006 (REACH)</li><li>EU 2002/72/EC</li></ul>	<ul><li>EU 2004/19/EC</li><li>EU 94/62/EC</li></ul>	
Appearance	<ul> <li>Clear/Transparent</li> </ul>		
Forms	Pellets		
Processing Method	<ul> <li>Blown Film</li> </ul>	Film Extrusion	
Physical		Nominal Value Unit	Test Method
<u>Density</u>		0.924 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (	MFR) (190°C/2.16	2.3 g/10 min	ISO 1133
kg)			
Hardness		Nominal Value Unit	Test Method
Shore Hardness (Shore	e D)	47	ISO 868
Mechanical		Nominal Value Unit	Test Method
Tensile Stress			ISO 527-2
Yield		11.0 MPa	
Break		14.0 MPa	
Tensile Strain (Break)		540 %	ISO 527-2
Coefficient of Friction			ISO 8295
vs. Itself - Dynamic		< 0.11	
vs. Itself - Static		< 0.11	
Films		Nominal Value Unit	Test Method
Film Thickness - Teste		25 µm	
Film Thickness - Recor	mmended / Available 0.	025 mm to 0.060 mm	
Thermal		Nominal Value Unit	Test Method
Vicat Softening Tempe	rature	94.0 °C	ISO 306/A
Melting Temperature		114 °C	ISO 11357-3
		NI	Test Method
Optical		Nominal Value Unit	10011104
		4.0 %	ISO 14782
Optical			

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.



Revision History

Added to Prospector: July, 2004 Last Updated: 10/15/2009

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