



Producer: DIOKI / Croatia

## OKITEN® 245 S

### 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.

### Applications:

- Thin slippery film of high gloss and transparency
- Film intended for foodstuff packaging, freezer bags
- Other packaging in food processing industry
- Co-extrusion and mixing with other polyolefin types

PROPERTY <sup>1234</sup>	ISO STANDART	VALUE	UNIT
Density	1183	0.924	g/cm <sup>3</sup>
Melt Flow Rate	1133	2.3	g/10 min
VICAT softening temperature	306/ A	94	°C
Tensile strength at yield	527/2	11	Mpa
Tensile strength at break	527/2	14	Mpa
Elongation at break	527/2	535	%
Hardness, Shore	868	47	Scale D
Melting point (DSC- air)	11357	114	°C
Haze <sup>3</sup>	14782	4	%
Friction coefficient: <sup>3</sup> static/dynamic	8295	≤0.11	-

<sup>1</sup> - Typical values that do not represent specification limit values

<sup>2</sup> - Test samples obtained by direct press moulding

<sup>3</sup> - Film thickness 0.025 mm extruded on a laboratory extruder under standard conditions

<sup>4</sup> - Values given are typical and only informative

### Additive:

Slip agent	Antiblocking agent	Thermal stabilizer
Yes	No	Yes

### Storage and Handling:

**OKITEN® 245 S** is packed in polyethylene bags of 25 kg stacked up on wooden pallets having total dimensions of 1700 x 1300 x 1100 mm and total mass of 1285 kg (1250 kg net). The pallets are covered and secured with heat shrinkable film. Transport by road tankers is also possible. **OKITEN® 245 S** should not be exposed to direct sunlight, which can affect its properties. If stored in unfavourable climatic conditions (great temperature variations and high moisture content) moisture can condense in bags.

**Physiological Properties:** **OKITEN® 245 S** complies with the requirements of the European Directive 2004/19/EC (an amended edition 2002/72/EC), relating to plastic materials and articles intended to come into contact with foodstuffs. **OKITEN® 245 S** meets the requirements of the European Directive 94/62/EC of the European law on packaging material.