Owispol® 525

General Purpose Polystyrene Synthos S.A.

Message:

Flame Rating (1.60 mm)

Owispol® 525 is general purpose polystyrene (GPPS) with excellent optical properties, gloss and balanced combination of rheological, mechanical and thermal properties. It is a thermoplastic material designed for injection moulding, extrusion and thermoforming. Product has a form of cylindrical granules of diameter 2.5 to 6 mms. Owispol® 525 contains an external lubricant.

Features Features Features Food Contact Acceptable General Purpose High Gloss Lubricated Opticals Uses Blending Caps Food Containers Food Packaging General Purpose Sheet Appearance Colorless Forms Granules Processing Method Coextrusion Extrusion Injection Molding Thermoforming Physical Molting Sprinckage 0.20 to 0.50 Molting Sprinkage 0	General Information				
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Flammability Nominal Value Test Method	Vicat Softening Temperature	86.0	°C	ISO 306/B50	
	Flammability	Nominal Value		Test Method	

ΗВ

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Injection	Nominal Value	Unit	
Drying Temperature			
Desiccant Dryer	80.0	°C	
Hot Air Dryer	70.0	°C	
Drying Time			
Desiccant Dryer	1.0	hr	
Hot Air Dryer	2.0 to 4.0	hr	
Processing (Melt) Temp	180 to 260	°C	
Mold Temperature	10.0 to 60.0	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 240	°C	

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