

Synthos EPS® 0513S/CZ

Expanded Polystyrene

Synthos S.A.

Message:

Synthos EPS®/CZ types 0308S, 0513S, 0814S and 1020S are expandable polystyrene (EPS) formed by spherical polystyrene particles that contains a hydrocarbon blowing agent. The material is surface treated against gluing during processing and the formation of electrostatic charge. Synthos EPS® 0513S/CZ (Koplen 0513S) is mainly used for production of shaped parts with wall thickness above 10 mm (e.g. shipping packaging for glass and electrical goods); production of smaller blocks with higher density or cutted profiles.

General Information			
Additive	Blowing Agent		
Uses	Packaging		
	Profiles		
Appearance	White		
Forms	Spheres		
Physical	Nominal Value	Unit	Test Method
Apparent Density ¹	0.02 to 0.04	g/cm ³	Internal Method
Moisture Content	< 10000	ppm	Internal Method
Particle Size - >95% between	500 to 1000	µm	Internal Method
Blowing Agent	< 7.0	wt%	Internal Method
NOTE			

1. The typical bulk density indicates values obtained during single-step pre-foaming on continuous pre-foaming devices. Lower values of bulk density can be achieved only after multiple pre-expansion.

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