

# Synthos EPS® 0814S/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® 0814S/CZ (Koplen 0814S) is mainly used for production of blocks with medium and higher density; cutted boards and profiles from the blocks that can serve as filling material in packaging technology.

General Information			
Additive	Blowing Agent		
Uses	Packaging		
	Profiles		
Appearance	White		
Forms	Spheres		
Physical	Nominal Value	Unit	Test Method
Apparent Density <sup>1</sup>	0.02 to 0.04	g/cm <sup>3</sup>	Internal Method
Moisture Content	< 10000	ppm	Internal Method
Particle Size - >95% between	0.800 to 1.40	mm	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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