

Synthos EPS® 0308S/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® 0308S/CZ (Koplen 0308S) is mainly used for production of shaped parts with wall thickness less than 10 mm (e.g. shipping packaging for glass and electrical goods).

General Information			
Additive	Blowing Agent		
Uses	Packaging		
Appearance	White		
Forms	Spheres		
Physical	Nominal Value	Unit	Test Method
Apparent Density ¹	0.03 to 0.06	g/cm ³	Internal Method
Moisture Content	< 10000	ppm	Internal Method
Particle Size - >95% between	315 to 800	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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