

Jackon JACKOCELL® R312 Expanded Polystyrene Packaging and Shape Molding

Category : Polymer , Thermoplastic , Polystyrene (PS) , Expanded Polystyrene (EPS)

Material Notes:

100% Polystyrene. Pre-expansion High density stability in pre-expansion, transportation and silo storage reduces opportunity losses through achieving typical lower average density during regular production. It is the unique design of polystyrene chains that gives the high strength advantages to Jackocell® R312 in pre-expansion Shape Moulding. Fast molding cycles, good fusion, and easy to reach good surface. The additional broad moulding window further reduces waste material and maintains a high quality to the extent that it can be recognized long term on productivity and financial earnings.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Jackon-JACKOCELL-R312-Expanded-Polystyrene-Packaging-and-Shape-Molding.php

Physical Properties	Metric	English	Comments
Density	0.0160 g/cc	0.000578 lb/in ³	1.2 minute residence time pre-expander
	0.0200 g/cc	0.000723 lb/in ³	1.1 minute residence time pre-expander
	0.0210 g/cc	0.000759 lb/in ³	2.4 minute residence time pre-expander
	0.0330 g/cc	0.00119 lb/in ³	0.5 minute residence time pre-expander
Bead Size	0.700 - 1.00 mm	0.0276 - 0.0394 in	

Mechanical Properties	Metric	English	Comments
Flexural Strength	0.315 MPa	45.7 psi	16 hour silo aging time, 20 kg/m ³
	0.318 MPa	46.1 psi	32 hour silo aging time, 20 kg/m ³
	0.322 MPa	46.7 psi	48 hour silo aging time, 20 kg/m ³
	0.325 MPa	47.1 psi	64 hours silo aging time, 20 kg/m ³
Compressive Strength	1.24 MPa	180 psi	16 hour silo aging time, 20 kg/m ³
	1.26 MPa	183 psi	32 hour silo aging time, 20 kg/m ³
	1.27 MPa	184 psi	48 hour silo aging time, 20 kg/m ³
	1.28 MPa	186 psi	64 hours silo aging time, 20 kg/m ³

Chemical Properties	Metric	English	Comments
Blowing Agent Content	>= 6.0 %	>= 6.0 %	Pentane

Descriptive Properties	Value	Comments
Coefficient of Variation (%), max	15	
Moulding Cycle Time (sec)	120	6 hour silo aging time, 20 kg/m ³
	65	64 hours silo aging time, 20 kg/m ³
	75	48 hour silo aging time, 20 kg/m ³
	95	32 hour silo aging time, 20 kg/m ³

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China