

## Jackon JACKOCELL® R211 Expanded Polystyrene Construction and Block Molding

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

**Material Notes:**

High quality processing High strength Low waste Fast moulding cycles

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Jackon-JACKOCELL-R211-Expanded-Polystyrene-Construction-and-Block-Molding.php](http://www.lookpolymers.com/polymer_Jackon-JACKOCELL-R211-Expanded-Polystyrene-Construction-and-Block-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.0120 - 0.020 g/cc	0.000434 - 0.00072 lb/in <sup>3</sup>	expanded
Water Absorption	3.65 %	3.65 %	20 g/l; Volume%
	3.65 %	3.65 %	16 g/l; Volume%
	3.65 %	3.65 %	12 g/l; Volume%

Mechanical Properties	Metric	English	Comments
Flexural Strength	0.135 MPa	19.6 psi	14 g/l
	0.195 MPa	28.3 psi	16 g/l
	0.220 MPa	31.9 psi	18 g/l
Compressive Strength	0.560 MPa	81.2 psi	12 g/l
	0.920 MPa	133 psi	16 g/l
	1.22 MPa	177 psi	20 g/l

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0350 W/m-K	0.243 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	20 g/l; EN 12667
	0.0378 W/m-K	0.262 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	13.8 g/l; EN 12667
	0.0385 W/m-K	0.267 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	12 g/l; EN 12667

### Contact Songhan Plastic Technology Co.,Ltd.

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