

## Eurofoam Porocell POR 300/60 Ethylene Octane Metallocene EPDM Foam

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Ethylene Propylene Diene Monomer Foam. Used for thermal insulation and soundproofing, antivibration and waterproofing; different types of gaskets. Information provided by Eurofoam s.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eurofoam-Porocell-POR-30060-Ethylene-Octane-Metallocene-EPDM-Foam.php](http://www.lookpolymers.com/polymer_Eurofoam-Porocell-POR-30060-Ethylene-Octane-Metallocene-EPDM-Foam.php)

| Physical Properties | Metric               | English                  | Comments    |
|---------------------|----------------------|--------------------------|-------------|
| Density             | 0.0500 - 0.0700 g/cc | 0.00181 - 0.00253 lb/in³ | ISO 845-88  |
| Water Absorption    | <= 5.0 %             | <= 5.0 %                 | ASTM D 1056 |

| Mechanical Properties      | Metric         | English        | Comments     |
|----------------------------|----------------|----------------|--------------|
| Hardness, Shore OO         | 35 - 45        | 35 - 45        | ASTM D 2240  |
| Tensile Strength           | 0.500 MPa      | 72.5 psi       | ASTM D 412   |
| Elongation at Break        | >= 280 %       | >= 280 %       | ASTM D 412   |
| Compressive Yield Strength | 0.0350 MPa     | 5.08 psi       | ASTM 1056/85 |
|                            | @Strain 25.0 % | @Strain 25.0 % |              |
|                            | 0.0800 MPa     | 11.6 psi       | ASTM 1056/85 |
|                            | @Strain 50.0 % | @Strain 50.0 % |              |
| Tear Strength              | 0.250 kN/m     | 1.43 pli       | ASTM D 624   |
| Compression Set            | 18 %           | 18 %           | ASTM D 395   |
|                            | @Strain 25.0 % | @Strain 25.0 % |              |
|                            | 35 %           | 35 %           | ASTM D 395   |
|                            | @Strain 50.0 % | @Strain 50.0 % |              |

| Thermal Properties               | Metric                                   | English                               | Comments            |
|----------------------------------|------------------------------------------|---------------------------------------|---------------------|
| Maximum Service Temperature, Air | 75.0 °C                                  | 167 °F                                | ASTM D 3575         |
| Minimum Service Temperature, Air | -30.0 °C                                 | -22.0 °F                              | ASTM D 3575         |
| Shrinkage                        | <= 5.0 %                                 | <= 5.0 %                              | Linear; ASTM D 1204 |
|                                  | @Temperature 70.0 °C,<br>Time 605000 sec | @Temperature 158 °F,<br>Time 168 hour |                     |

| Descriptive Properties             | Value              | Comments       |
|------------------------------------|--------------------|----------------|
| Cellular Structure                 | Closed             |                |
| Color                              | Black, White, Grey |                |
| Declaration of Heavy Metal Absence | Conform            | RoHS2002/95/EC |
| Fire Resistance                    | MV22 302           | Pass           |
| Vulcanization                      | Peroxide           |                |

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

Website : [www.lookpolymers.com](http://www.lookpolymers.com)  
Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)  
Tel : +86 021-51131842  
Mobile : +86 13061808058  
Skype : lookpolymers  
Address : United North Road 215,Fengxian District, Shanghai City,China