



EPP #1.9 - 3 psi at 60 days



Note: 30 g/l = 1.9 pcf = 30X (g/l = grams per liter; pcf = pounds per cubic foot; X = foam expansion ratio) Tested at 1 and 3 psi (6.9 and 20.7 kPa) Tested at Ambient Conditions: 70°F ±2°F (21°C ±1°C) Tested per ASTM D3575 (Ref ISO 7616)

ARPRO[®] is a registered trademark of JSP Licenses, LLC. PUBLICATION JSP-CompressiveCreep-60days-EPP-30gl-2014/04

The information contained herein is based upon the results of limited laboratory tests on test samples of material molded from expanded polyolefin resin manufactured by JSP. There can be no assurance that the similar results will be achieved in simulated tests or actual use of commercial product molded by customers of JSP. Product performance may vary substantially depending upon the particular application or processing involved. The listed properties are illustrative only and not the product specifications. All suggestions and recommendations are made without warranty since the conditions of uses are beyond JSP's control. Processing and applications of JSP foam products can influence molded part performance in many ways. Consequently, processors and/or users are advised that there may be a need to conduct independent tests and experiments in order for them to determine the extent to which they may choose to rely upon such information in their business oper- ations. JSP disclaims any liability in connection with the use of the information and does not warrant gainst infringement by reasons of the use of its products in combination with other material or in any process.







#1.9 EPP - 1.5, 3.0 and 4.5 psi



Note: 30 g/l = 1.9 pcf = 30X (g/l = grams per liter; pcf = pounds per cubic foot; X = foam expansion ratio) Tested at 1.5, 3.0, & 4.5 psi Tested at Ambient Conditions: 73°F ±5°F (23°C ±3°C) Tested per ASTM D3575 (ISO 7616)

ARPRO is a registered trademark of JSP Licenses, LLC. PUBLICATION JSP-CompressiveCreep-EPP-30gl-2007/03



The information contained herein is based upon the results of limited laboratory tests on test samples of material molded from expanded polyolefin resin manufactured by JSP. There can be no assurance that the similar results will be achieved in simulated tests or actual use of commercial product molded by customers of JSP. Product performance may vary substantially depending upon the particular application or processing involved. The listed properties are illustrative only and not the product specifications. All suggestions and recommendations are made without warranty since the conditions of user are advised that there may be a need to conduct independent tests and experiments influence molded part performance in many ways. Consequently, processors and/or users are advised that there may be a need to conduct independent tests and experiments in order for them to determine the extent to which they may choose to rely upon such information in their business oper- ations. JSP disclaims any liability in connection with the use of the information and does not warrant against infringement by reasons of the use of its products in combination withother material or in any process.





Compressive Strength #1.9 EPP vs. #4.0 PE



Note: 30 g/l = 1.9 pcf (g/l = grams per liter; pcf = pounds per cubic foot) 64 g/l = 4.0 pcf (g/l = grams per liter; pcf = pounds per cubic foot) $1 MPa = 1 N/mm^2 = 145.04 psi (Units of pressure/stress)$ Test Speed at 12.5 mm/minute (per ASTM-D3575) EPE = Expanded Polyethylene

Extruded PE has different compression characteristics depending on which direction the foam is compressed. This should be noted when designing for performance requirements based on the type of foam used and the available configuration of the foam. Considerations must be made to accomdate these differences during fabrication. It should be noted that polyolefin bead foam (EPP, EPE, etc.) has uniform compression in all directions. This provides for optimal fabrication yielding and design flexibility.

ARPAK is a registered trademark of JSP Licenses, LLC. PUBLICATION JSP CS-40gI-EPE-vs-64gI-extPE-2005/12

The information contained herein is based upon the results of limited laboratory tests on test samples of material molded from expanded polyolefin resin manufactured by JSP International. There can be no assurance that the similar results will be achieved in simulated tests or actual use of commercial product molded by customers of JSP International. Product performance may vary substantially depending upon the particular application or processing involved. The listed properties are illustrative only and not the product specifications. All suggestions and recommendations are made without warranty since the conditions of use are beyond JSP International's control. Processing and applications of JSP International foam products can influence molded part performance in many ways. Consequently, processors and/or users are advised that there may be a need to conduct independent lests and experiments in order for them to determine the extent to which they may choose to rely upon such information in their business operations. JSP International discing any industry in connection with the use of the information and does not warrant against infringement by reasons of the use of its products in combination with other material or in any process.

