



ARPRO[®] Product Listing Fire Retardant Expanded Polypropylene (FR-EPP) Colors¹

Density, grams/liter (g/l)

Nominal

38.0

41.7

48.1

BULK DENSITY SPECIFICATION

Upper

41.0

45.0

52.0

Charcoal FR²

Product Type

3429CHFR

3430CHFR

3437CHFR

Bl	ue	F	R
-			

	Density, grams/liter (g/l)		
Product Type	Lower	Nominal	Upper
3429BLFR	35.0	38.0	41.0
3430BLFR	38.4	41.7	45.0
3437BLFR	44.3	48.1	52.0

Green FR

	Density, grams/liter (g/l)		
Product Type	Lower	Nominal	Upper
3429GRFR	35.0	38.0	41.0
3430GRFR	38.4	41.7	45.0
3437GRFR	44.3	48.1	52.0

Lower

35.0

38.4

44.3

Yellow FR

	Density, grams/liter (g/l)		
Product Type	Lower	Nominal	Upper
3429YEFR	35.0	38.0	41.0
3430YEFR	38.4	41.7	45.0
3437YEFR	44.3	48.1	52.0

Orange FR

	Density, grams/liter (g/l)		
Product Type	Lower	Nominal	Upper
34290RFR	35.0	38.0	41.0
34300RFR	38.4	41.7	45.0
34370RFR	44.3	48.1	52.0

Red FR

6	Density, grams/liter (g/l)		
Product Type	Lower	Nominal	Upper
3429REFR	35.0	38.0	41.0
3430REFR	38.4	41.7	45.0
3437REFR	44.3	48.1	52.0

(cont.)

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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 byound JSP's control. 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 operations. 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 with other material or in any process.









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(cont.)

BULK DENSITY SPECIFICATION (continued)

Purple FR

•	Density, grams/liter (g/l)		
Product Type	Lower	Nominal	Upper
3429PUFR	35.0	38.0	41.0
3430PUFR	38.4	41.7	45.0
3437PUFR	44.3	48.1	52.0

Brown FR

	<u>Densit</u>	y, grams/li	ter (g/l)
Product Type	Lower	Nominal	Upper
3429BRFR	35.0	38.0	41.0
3430BRFR	38.4	41.7	45.0
3437BRFR	44.3	48.1	52.0

¹Note: Certain product grades may be limited to specific JSP Plant locations. All FR colors products require longer lead times. Contact JSP for details.

²Note: ARPRO[®] Charcoal Fire Retardant Grade Series (FR-EPP) 34XXCHFR is UL Recognized (see logo). Listed in US and Canada. The 34xxCHFR is also recommended as the primary color for all automotive totes/dunnage with FR Grade requirements. This grade is also listed in JSP's ARPRO EPP Specialty Grade Product List. See also <u>techdoc SpecialtyGradeList ARPRO-EPP</u>.

In an effort to prevent any mix-up of FR – ARPRO JSP standard ARPRO EPP colors with DATE: 12/14/17 Made in the U.S.A ARPRO FR-EPP colors, all 34XXXXFR Item Number: **3427GRFR** grade ARPRO FR-EPP colors will have a unique product label. Note the "FR -BZ14701 Quanty Lot Number: **ARPRO**" and "**FR**" designation on the upper right hand side of the product BAG NUMBER / 02 label. See example of label for details.

DK TO USE



Note about use of ARPRO EPP colors for 'speckling':

For automotive totes or dunnage parts specified with 'speckled' colors for the purpose of differentiation (i.e. front, back, left, right, etc.); If the respective part print (for the tote or dunnage part) requires the use of FR-EPP (Fire Retardant EPP), then the color(s) used for 'speckling' must also be from the 34XXXXFR ARPRO EPP series, and not from the standard 34XXXX ARPRO EPP series, since all (100%) of the material used for the molded FR-EPP part must contain FR-EPP material. Conversely, if any tote or dunnage part does not require the use of FR-EPP (Fire Retardant EPP), then standard (non-FR) 34XXXX ARPRO EPP series colors can be used.

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