

Thermo Fisher Scientific hereby certifies that the product identified below is manufactured and/or distributed according to the requirements of product and quality specifications as maintained in our quality management system which is compliant to ISO 13485 (BSI Certificate Number: FM 653694) or ISO 9001 (BSI Certificate Number: FM 743358) in Rochester, NY, USA.



Alan E. Hatch  
 Sr. Quality Manager  
 12/22/2024

The following information represents Product Certification for: Item#: **2321-0050**

Description: **CRBY RECT W/SPG PP 5 GAL/20L**

Lot#: **1414873**

Manufactured: **10/01/2024**

Part Number	Description	Common Name	DMF#	Cytotoxicity	USP Class VI	FDA Compliance - 21 CFR
1-1491-98P	CRBY, 20L, RECT, PP, W/SPGT BOSS	COMPONENT PART				
8-0028-03	RESIN, PPCO, IBM, EBM	POLYPROPYLENE COPOLYMER	6345	PASSED	PASSED	177.1520 (a)(3)(i) & (c)3.2(a)(use conditions A-H)
1-1811-52	CLOS, 100/415, PP, WHT, NALGE	COMPONENT PART				
8-0071-11P	RESIN, PP, WHI, INJ	POLYPROPYLENE, WHITE, INJ.	N/A	PASSED	PASSED	N/A
8-0071-06	Resin, PP, Inj	POLYPROPYLENE, INJECTION	9988	PASSED	PASSED	177.1520(a)(1)(i), (c)1.1a, 177.1520(b), (use conditions A-H)
8-0099-34	COLOR, WHT, MULTI	COLORANT, WHITE	16513	PASSED	PASSED	177.1350, 1520, 1620, 178.3297, 181.28
1-3725-87	Q/D, FEMALE, SIZE A, HDPE, ANON	COMPONENT PART				
8-0042-01	RESIN, HDPE, INJ	HIGH-DENSITY POLYETHYLENE	1646	PASSED	PASSED	176.170(c), 177.1520(c)3.2a
1-4320-97	CAP, VALVE STEM	COMPONENT PART				
8-0071-12P	RESIN, PP, BLUE, INJ	COMPONENT PART				
8-0071-06	Resin, PP, Inj	POLYPROPYLENE, INJECTION	9988	PASSED	PASSED	177.1520(a)(1)(i), (c)1.1a, 177.1520(b), (use conditions A-H)
8-0099-74	COLOR, BLUE, MULTI	COLORANT, BLUE, MULTI-RESIN	N/A	PASSED	PASSED	177.1350, 1520, 1580, 1620, 178.2010, 3297, 181.28, 184.1210
1-4321-98P	VALVE, STEM, PP, Q/A SPGT	COMPONENT PART				
8-0071-12P	RESIN, PP, BLUE, INJ	COMPONENT PART				
8-0071-06	Resin, PP, Inj	POLYPROPYLENE, INJECTION	9988	PASSED	PASSED	177.1520(a)(1)(i), (c)1.1a, 177.1520(b), (use conditions A-H)

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8-0099-74	COLOR,BLUE,MULTI	COLORANT, BLUE, MULTI-RESIN	N/A	PASSED	PASSED	177.1350, 1520, 1580, 1620,178.2010, 3297, 181.28,184.1210
1-4321-94P	BODY,PP,Q/A,SPGT,ANON	COMPONENT PART				
8-0071-12P	RESIN,PP,BLUE,INJ	COMPONENT PART				
8-0071-06	Resin,PP,Inj	POLYPROPYLENE, INJECTION	9988	PASSED	PASSED	177.1520(a)(1)(i), (c)1.1a,177.1520(b), (use conditionsA-H)
8-0099-74	COLOR,BLUE,MULTI	COLORANT, BLUE, MULTI-RESIN	N/A	PASSED	PASSED	177.1350, 1520, 1580, 1620,178.2010, 3297, 181.28,184.1210
1-4321-95P	NUT,LOCK,PP,WHT,SPGT,NEW	COMPONENT PART				
8-0029-18P	RESIN,PPCO,WHT,INJ	COLOR MIX (PPCO, WHT, RESIN)	N/A	N/A	N/A	N/A
8-0029-04	RESIN,PP,COPOLYMER,INJ	POLYPROPYLENE COPOLYMER	1698	N/A	N/A	177.1520(a)(3)(i) and(c)3.1a, 3.2a
8-0099-34	COLOR,WHT,MULTI	COLORANT, WHITE	16513	PASSED	PASSED	177.1350, 1520, 1620,178.3297, 181.28
1-4321-95P	NUT,LOCK,PP,WHT,SPGT,NEW	COMPONENT PART				
8-0029-18P	RESIN,PPCO,WHT,INJ	COLOR MIX (PPCO, WHT, RESIN)	N/A	N/A	N/A	N/A
8-0029-04	RESIN,PP,COPOLYMER,INJ	POLYPROPYLENE COPOLYMER	1698	N/A	N/A	177.1520(a)(3)(i) and(c)3.1a, 3.2a
8-0099-34	COLOR,WHT,MULTI	COLORANT, WHITE	16513	PASSED	PASSED	177.1350, 1520, 1620,178.3297, 181.28
1-4321-96	PLUG,TPE,SPGT CLOS	COMPONENT PART				
8-0005-03	RESIN,TPE,INJ	THERMOPLASTIC ELASTOMER	N/A	N/A	N/A	177.1210 used in contact withnon-fatty foods as a closuresealing gasket, 177.2600

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If N/A appears in any of the columns above it means the information is not available. Any item listed as "COMPONENT PART" will show blank in the DMF#, Cytotoxicity, USP Class VI, and FDA Compliance Information columns.

If the word "PASSED" appears in the USP Class VI column next to the resin listing, this material has passed USP Class VI requirements, latest Volume, as part of our initial test approval protocol.

If the word "PASSED" appears in the Cytotoxicity column next to the resin listing, this material was tested and shown to be non-cytotoxic as part of our initial test approval protocol, using either mouse fibroblast L929 cells or the more sensitive human diploid lung cell lines WI-38 or MRC-5.