



Carlisle Machine Works, Inc.

Flame Check Instruction Sheet

Carlisle Flame Check has been designed to provide a fast, accurate, quality control indicator for surface treatment levels on flamed Polyolefin products. By immersing the product into a container filled with Flame Check and seeing how much of the Flame Check recedes from the surface, you can determine the approximate level of surface treatment.

Since there are different applications that require different levels of surface treatment, there are three types of Flame Check offered by Carlisle. The first, which is known as Flame Check # 1, is red, Flame Check #3 is Blue. It will confirm a moderate surface treatment up to a 45 dyne level. This level of surface treatment is suitable for most labeling operations. The second type, which is known as Flame Check # 2, is green. It will confirm a severe surface treatment up to a 70 dyne level.

Checking a part:

1. Pour the Flame Check in a container large enough to allow for complete immersion of the treated product. For large parts, an applicator such as a paint brush may be used. The container should be covered when not in use.
2. Cover the treated area with the Flame Check either by immersing the object or using the applicator as described above.
3. Observe the Flame Check to see if the color remains on the treated area. If the color remains then you have achieved or exceeded the dyne level specified by the Flame Check (45 dyne for Red and blue, 70 dyne for green).

Disclaimer: Flame Check is non-flammable and as supplied contains no harmful ingredients.

This product contains: sodium carbonate, sodium silicate, and enzymes. If swallowed, give a glassful of water or milk. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

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