## **3M**Safety & Security Window Film SH14CLARL Summary

## **Product Benefits**

- Increases personal safety from flying or broken glass.
- Deters smash and grab burglaries.
- Increase protection from windstorms, blasts and earthquakes.
- Reduces fading from UV light. Furniture and fabrics have a longer acceptable life.

## **Product Performance**

| SH14CLARL                   |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|
| Solar Heat Reduction        | 4%  | 3%  | 2%  | 2%  |
| Heat Loss Reduction         | 2%  | 0%  | 0%  | 0%  |
| Glare Reduction             | 4%  | 4%  | 9%  | 3%  |
| UV Blocked                  | 99% | 99% | 99% | 99% |
| Total Solar Energy Rejected | 22% | 38% | 31% | 50% |

## **Technical Data**

| Glass<br>Type | Applied<br>Product | Shading<br>Coefficient | Visible<br>Exterior<br>Reflection | Light<br>Interior<br>Reflection | Visible<br>Light<br>Transmitted | Emissivity | "U"<br>Value |
|---------------|--------------------|------------------------|-----------------------------------|---------------------------------|---------------------------------|------------|--------------|
|               | None               | 0.94                   | 8%                                | 8%                              | 88%                             | 0.84       | 1.06         |
| 4             | SH14CLARL          | 0.90                   | 10%                               | 10%                             | 85%                             | 0.89       | 1.04         |
|               | None               | 0.69                   | 5%                                | 5%                              | 50%                             | 0.84       | 1.06         |
|               | SH14CLARL          | 0.71                   | 6%                                | 8%                              | 51%                             | 0.89       | 1.04         |
| 7/11/         | None               | 0.81                   | 14%                               | 14%                             | 78%                             | 0.84       | 0.50         |
| 44            | SH14CLARL          | 0.79                   | 16%                               | 16%                             | 72%                             | 0.89       | 0.48         |
|               | None               | 0.55                   | 8%                                | 8%                              | 45%                             | 0.84       | 0.50         |
|               | SH14CLARL          | 0.58                   | 9%                                | 15%                             | 46%                             | 0.89       | 0.48         |