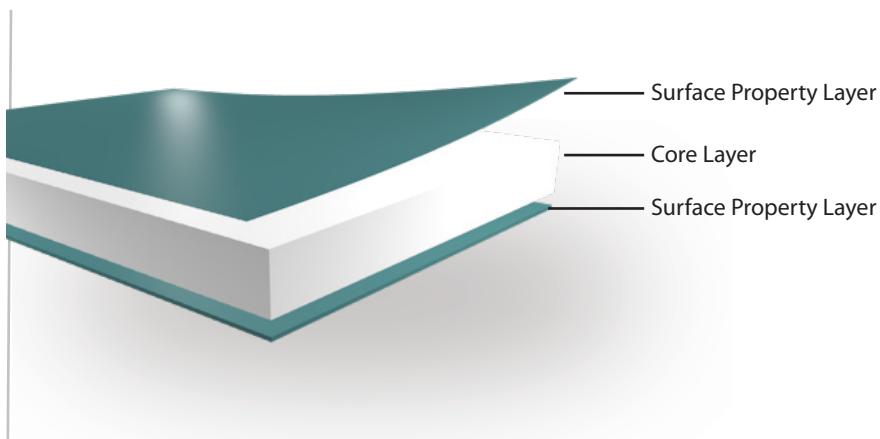


# Lumirror. U65

## Applications

- Solar control window
- Overlamine



Lumirror U65

SUPER CLEAR THREE  
LAYER PET FILM

## Summary

U65 is a super clear film with surface and optical properties that are strictly controlled by co-extrusion technology.

## Technical Data \*

| PROPERTIES                               |                      | METHOD     | UNITS              | TYPICAL VALUES |      |      |      |
|--|----------------------|------------|--------------------|----------------|------|------|------|
| Thickness                                |                      | -          | micron             | 12.2           | 23.4 | 36.1 | 50.8 |
| Nominal Yield                            |                      | -          | m <sup>2</sup> /kg | 58.5           | 30.5 | 19.8 | 14.1 |
| F-5                                      | MD                   | ASTM D882  | Mpa                | 109            | 102  | 111  | 106  |
|  | TD                   |            |                    | 100            | 95   | 107  | 101  |
| Tensile Strength at Break                | MD                   | ASTM D882  | Mpa                | 272            | 205  | 228  | 185  |
|  | TD                   |            |                    | 253            | 226  | 248  | 217  |
| Elongation at Break                      | MD                   | ASTM D882  | %                  | 120            | 170  | 140  | 170  |
|  | TD                   |            |                    | 130            | 150  | 110  | 130  |
| Heat Shrinkage<br>(150°C for 30 minutes) | MD                   | ASTM D1204 | %                  | 1.6            | 1.2  | 1.7  | 1    |
|  | TD                   |            |                    | 0.8            | 0.4  | 0.6  | 0.8  |
| Heat Shrinkage<br>(190°C for 5 minutes)  | MD                   | ASTM D1204 | %                  | 3.1            | 2.1  | 3.6  | 1.8  |
|  | TD                   |            |                    | 1.5            | 0.7  | 2.0  | 1.0  |
| Coefficient of Friction                  | A-side vs.<br>B-side | ASTM D1894 | $\mu_s$            | 0.4            | 0.4  | 0.4  | 0.4  |
|  |                      |            | $\mu_D$            | 0.3            | 0.3  | 0.3  | 0.3  |
| Haze (1 sheet)                           |                      | ASTM 1003  | %                  | 1.4            | 1.4  | 1.4  | 1.4  |

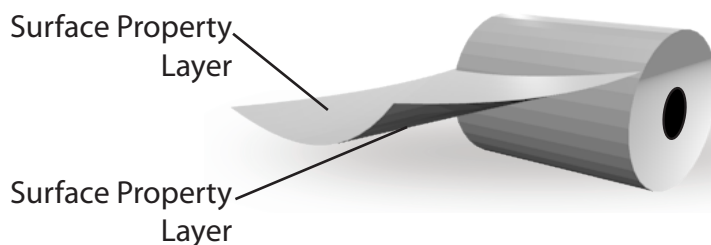
### Key Features

- Co-extruded three layer structure allows very low haze and friction

### Similar Products

- U60
- TA30
- U80
- U65V

### Winding Direction



\* These values do not constitute specific binding specifications

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