ABSTRACT

GLASS ARTICLES WITH LOW-FRICTION COATINGS

Low-friction coatings and glass articles with low-friction coatings are disclosed. According to one embodiment, a coated glass article may include a glass body comprising a first surface and a low-friction coating positioned on at least a portion of the first surface of the glass body. The low-friction coating may include a polymer chemical composition. The coated glass article may be thermally stable at a temperature of at least about 260°C for 30 minutes. A light transmission through the coated glass article may be greater than or equal to about 55% of a light transmission through an uncoated glass article for wavelengths from about 400 nm to about 700 nm. The low-friction coating may have a mass loss of less than about 5% of its mass when heated from a temperature of 150°C to 350°C at a ramp rate of about 10°C/minute.

[No suitable figure]