Distinct Advantage

NORBOND®

A7200 Series

Transparency

Transparent materials are essential in modern architectural and design disciplines. Glass and plastics are used in numerous places within commercial and residential buildings. Examples include roofs, windows, signage, visual communication, wall partitions, skylights, furniture and shower enclosures.

Transparency is very important for many of these applications. Transparency refers to the optical clarity of an object or material. The overall transparency of any material is a combination of its chromatic or geometric attributes, such as light transmission, yellow index and haze.

Light transmission is the fraction of incident light (electromagnetic radiation) at a specified wavelength that passes through a sample.

Yellow index is the change in color of a test sample from clear or white toward yellow. This test is most commonly used to evaluate color changes in a material caused by real or simulated outdoor exposure.

Haze is the cloudiness of a product that is caused by scattering of light through a transparent material. Haze is an attribute that can be quantified and then used to assess the level of transparency.

NORBOND® A7200 acrylic tapes were designed to reach the highest level of transparency, becoming virtually invisible when bonding to glass or clear surfaces.

To evaluate the level of transparency of NORBOND A7200 acrylic tapes compared to other tapes in the market, light transmission, yellow index and haze were tested.

NORBOND® A7200 Series Acrylic Tapes

- Provide durable, long-lasting security
- Virtually invisible after application
- Satisfy special visual and design requirements when bonding to glass or clear surfaces
- Great conformability and stretching

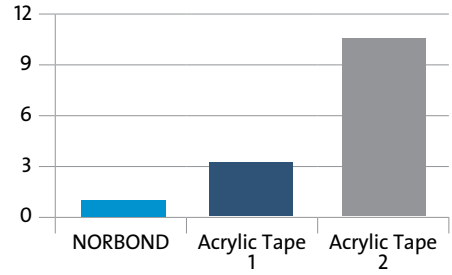
SAINT-GOBAIN

Distinct Advantage

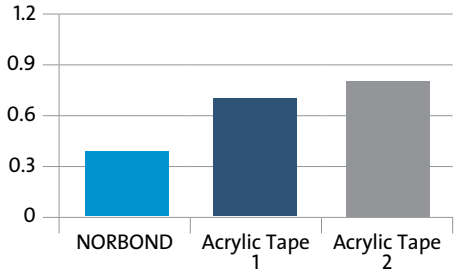
NORBOND®
A7200 Series

NORBOND® 7200 vs. Acrylic Tapes

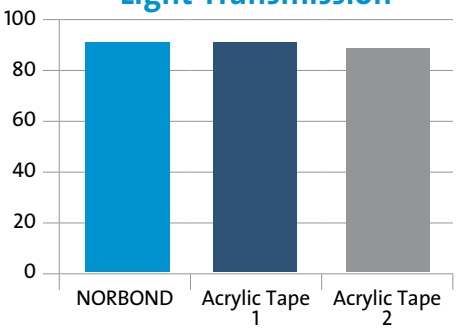
Haze %



Yellow Index



Light Transmission



Test Methodology

- All measurements performed at standard laboratory conditions: 23 ± 2°C and 50 ± 5% RH
- Transparency test was performed using a Hunter Lab Ultra Scan Pro to measure light transmission, color and haze
- The following test methods were applied to measure transparency:
  - Y Light Transmission
  - YI E313 (D65/10) Yellow Index
  - Haze % D65/10

The Results

- NORBOND A7200 has best-in-class haze performance (extremely low 1%), yellow index (extremely low 0.4), and light transmission (extremely high 92.7).
- NORBOND A7200 is the top performer when all three criteria (light transmission, yellow index and haze) are considered.

SAINT-GOBAIN

Saint-Gobain Performance Plastics
One Sealants Park
Granville, NY 12832

1-800-724-0883
Tel: (518) 642-2200
Fax: (518) 642-2793

foams@saint-gobain.com
www.foams.saint-gobain.com

SPE-5272-0215-SGCS