Avery Dennison Decorative Window Films - Spectral properties

AVERY DENNISON | Graphics Solutions

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According to EN410 Film applied on 4mm glass

Crystal Glass - CE352

Light Transmittance/single glazing (EN 410:2011):	0.539
Light Reflectance/single glazing (EN 410:2011):	0.320
Light Absorptance/single glazing (EN 410:2011):	0.141
UV Transmittance/single glazing (EN 410:2011):	0.237
Solar Direct Transmittance/single glazing (EN 410:2011):	0.539
Solar Direct Reflectance/single glazing (EN 410:2011):	0.320
Solar Direct Absorptance/single glazing (EN 410:2011):	0.141
Secondary Heat Transfer Factor/single glazing (EN 410:2011):	0.033
Total Solar Energy Transmittance (Solar factor)/single glazing (EN 410:2011):	0.572
Total Solar Energy Transmittance % (Solar factor)/single glazing (EN 410:2011):	57.2 %
Shading Coefficient/single glazing (EN 410:2011):	0.658

Dusted Glass - CC937

Light Transmittance/single glazing (EN 410:2011):	0.673
Light Reflectance/single glazing (EN 410:2011):	0.254
Light Absorptance/single glazing (EN 410:2011):	0.073
UV Transmittance/single glazing (EN 410:2011):	0.322
Solar Direct Transmittance/single glazing (EN 410:2011):	0.673
Solar Direct Reflectance/single glazing (EN 410:2011):	0.254
Solar Direct Absorptance/single glazing (EN 410:2011):	0.073
Secondary Heat Transfer Factor/single glazing (EN 410:2011):	0.017
Total Solar Energy Transmittance (Solar factor)/single glazing (EN 410:2011):	0.690
Total Solar Energy Transmittance % (Solar factor)/single glazing (EN 410:2011):	69.0 %
Shading Coefficient/single glazing (EN 410:2011):	0.793

Etched Glass - CE276

Light Transmittance/single glazing (EN 410:2011):	0.462
Light Reflectance/single glazing (EN 410:2011):	0.342
Light Absorptance/single glazing (EN 410:2011):	0.196
UV Transmittance/single glazing (EN 410:2011):	0.045
Solar Direct Transmittance/single glazing (EN 410:2011):	0.462
Solar Direct Reflectance/single glazing (EN 410:2011):	0.342
Solar Direct Absorptance/single glazing (EN 410:2011):	0.196
Secondary Heat Transfer Factor/single glazing (EN 410:2011):	0.046
Total Solar Energy Transmittance (Solar factor)/single glazing (EN 410:2011):	0.508
Total Solar Energy Transmittance % (Solar factor)/single glazing (EN 410:2011):	50.8 %
Shading Coefficient/single glazing (EN 410:2011):	0.584

Frosted Glass - CE283

Light Transmittance/single glazing (EN 410:2011):	0.659
Light Reflectance/single glazing (EN 410:2011):	0.242
Light Absorptance/single glazing (EN 410:2011):	0.099
UV Transmittance/single glazing (EN 410:2011):	0.055
Solar Direct Transmittance/single glazing (EN 410:2011):	0.659
Solar Direct Reflectance/single glazing (EN 410:2011):	0.242
Solar Direct Absorptance/single glazing (EN 410:2011):	0.099
Secondary Heat Transfer Factor/single glazing (EN 410:2011):	0.023
Total Solar Energy Transmittance (Solar factor)/single glazing (EN 410:2011):	0.682
Total Solar Energy Transmittance % (Solar factor)/single glazing (EN 410:2011):	68.2 %
Shading Coefficient/single glazing (EN 410:2011):	0.784

DS Matte i - BM608

Light Transmittance/single glazing (EN 410:2011):	0.549
Light Reflectance/single glazing (EN 410:2011):	0.301
Light Absorptance/single glazing (EN 410:2011):	0.150
UV Transmittance/single glazing (EN 410:2011):	0.033
Solar Direct Transmittance/single glazing (EN 410:2011):	0.549
Solar Direct Reflectance/single glazing (EN 410:2011):	0.301
Solar Direct Absorptance/single glazing (EN 410:2011):	0.150
Secondary Heat Transfer Factor/single glazing (EN 410:2011):	0.035
Total Solar Energy Transmittance (Solar factor)/single glazing (EN 410:2011):	0.584
Total Solar Energy Transmittance % (Solar factor)/single glazing (EN 410:2011):	58.4 %
Shading Coefficient/single glazing (EN 410:2011):	0.672

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

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All Avery Dennison® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.