

LonghuaEF -211-IML Film

Description:

LonghuaEF-211-IML is a commonly-used substrate film designed to allow various high pressure and thermoforming for IML technique. It is a 2-layer (PMMA/PC) co-extruded product, exhibiting good tensile strength and formability. It achieves significant surface hardness when back injection molded (2H/750g) without whitening. Its PC side features excellent printability and good bonding when back molded with suitable materials. Surface hardness may be further increased through other surface treatments

LonghuaEF -211-IML Structure.



Types & Specifications:

Thickness range: 0.125-0.38mm

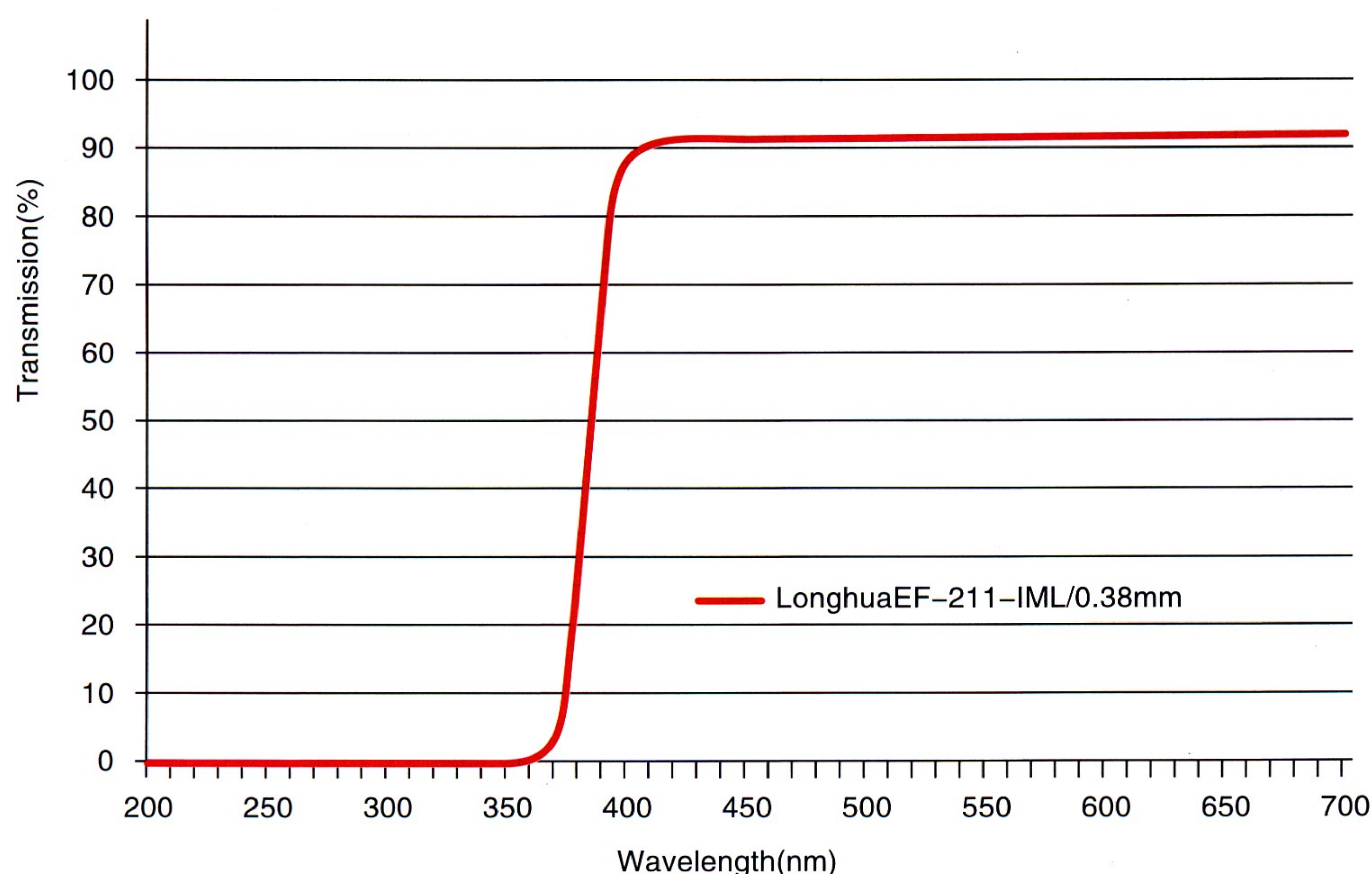
Width range: 930-1230mm

Customized thickness and width upon requests

Typical Property Values

Properties	Test Methods	Units	
Structure	—	—	two layer
Pecific Gravity	ASTM D792	g/cm ³	1.2
Light Transmission	JIS K7361	%	>90
Haze	JIS K7136	%	< 1
Yellowness index	ASTM D1925	—	< 1
UV Stability	—	nm	Can cut off UV below 380nm
Tensile Strength@100℃	JIS K7113	MPa	35
Elongation at break @100℃	JIS K7113	%	90

UV Transmission:



Note: The above figures are typical values obtained under standard methods and should not be construed as guaranteed data under unsteady application conditions. Although any information or recommendation contained herein is given in good faith, seller makes no warranty or guarantee, express or implied: 1) that the results described herein will be obtained under end-use conditions, or 2) as to the effectiveness or safety of any design incorporating seller's products, services or recommendations. Except as provided in seller's standard conditions of sale, seller shall not be responsible for any loss resulting from any use of its products or services described herein. Each user is responsible for making its own determination as to the suitability of seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis.