

Technical Information



LUPOY PC 1320C-07

UV cap-layer material for polycarbonate Resin

Introduction

LUPOY PC 1320C-07 resin provides stability against ultraviolet radiations to solid or multi-wall sheets via the co-extrusion of a 50 μ m thick layer

Main Characteristics

- Proprietary formulation
- Very low plate-out characteristics
- UV layer coating

- Very high thermal stability
- Very good color stability
- Master batch

Applications

Properties ¹	Test Method	SI	
		Value	Units
Melt Flow Rate (300 °C /1.2 kg)	ASTM D 1238	7	g/10 min
Density	ASTM D 792	1,200	kg/m ³
Refractive Index, n _D	ASTM D 542	1.586	
Light Transmittance	ASTM D 1003	73	%
Haze	ASTM D 1003	0.7~1.5	%
Deflection Temperature Under Load (DTUL) @ 4 mm @ 66 psi (0.45 MPa), annealed	ASTM D 648	130	°C
Vicat Softening Point, 50°C /hr, 50N Load	ASTM D 1525	138	°C
Tensile Modulus, 1mm/min	ASTM D 638	2,000	MPa
Yield stress, 50mm/min	ASTM D 638	60	MPa
Elongation at Yield, 50mm/min	ASTM D 638	6	%
Rupture stress, 50mm/min	ASTM D 638	68	MPa
Elongation at rupture, 50mm/min	ASTM D 638	113	%

1. Typical properties; not to be constructed as specifications. Users should confirm results by their own tests.