



PT. MARGACIPTA WIRASENTOSA

Cast Acrylic Sheet & PVC Hose Manufacturer

Jl. Raya Serang Km. 16.8 Desa Telaga, Kec. Cikupa, Tangerang - Indonesia

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Certificate Number : ID02/00020



Acrylic Sheet & UV Absorbing

The solar UV spectrum is divided into:

- UV-C wavelengths between 200 and 290 nm (absorbed by ozone)
- UV-B wavelengths 290-315 nm (photochemical reaction/ degradation of plastics & sunburn)
- UV-A wavelengths 315- 400 nm (tanning & pigmentation of human skin)

Acrylic sheet filters/ blocks wavelengths below approximately 330nm and above 400nm, thus only wavelength between this is absorbed & then transmitted as shown in the graph below from spectrophotometer test on MC® Cast Acrylic sheet.



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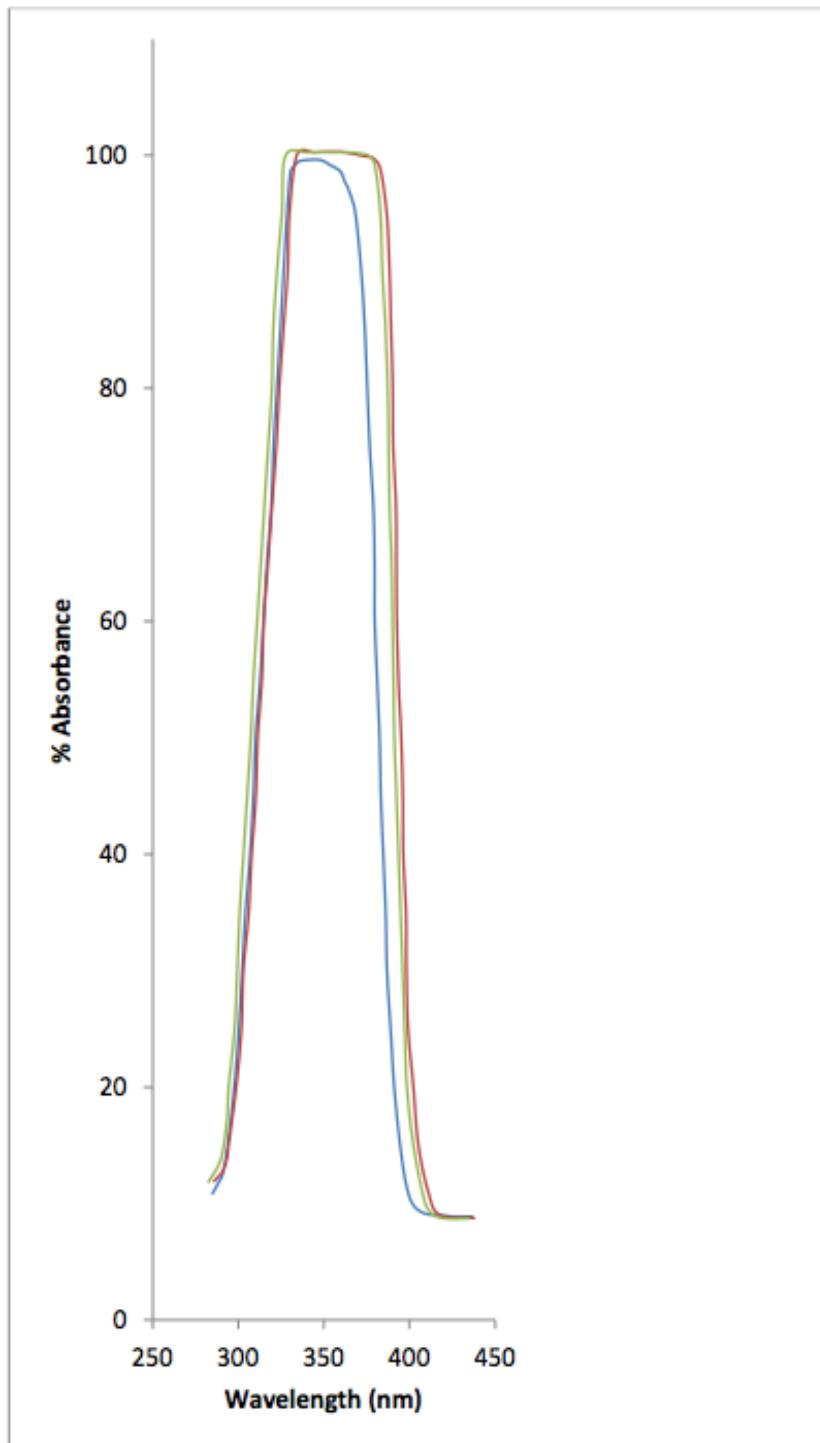
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Graph 1: Digitised spectra of acrylic samples