

STYRON CL®

Styron® is a Registered Trademark of Westlake Plastics Co.

Styron CL is clear polystyrene. As a hard, solid plastic, it is often used in products that require clarity, such as food packaging and laboratory ware.



IMPACT RESISTANCE



EASY TO MACHINE



DIMENSIONAL STABILITY



GOOD VALUE FOR MONEY

**ISO 10993
&
FDA
COMPLIANT**

The following physical property information is based on typical values of the base resin.

Mechanical Properties	Test Method	Result	
		Metric	English
Tensile Modulus	ASTM D638	3170 MPa	460 kpsi
Tensile Strength - Strain at Break	ASTM D638	52 MPa	7.54 kpsi
Tensile Elongation at break	ASTM D638	3 %	3 %
Flexural Modulus	ASTM D790	3240 MPa	470 kpsi
Flexural Strength	ASTM D790	90 Mpa	13.1 kpsi
Izod Impact Strength	ASTM D256	21 J/m	0.4 ft-lb/in
Hardness	ASTM D785	L107	L107
Other Properties	Test Method	Result	
		Metric	English
Specific Gravity	ASTM D792	1.04 g/cm ³	1.04
Thermal Properties	Test Method	Result	
		Metric	English
Deflection Temperature at Load 66psi (0.45MPa)	ASTM D648	98 °C	208 °F
Deflection Temperature at Load 264psi (1.8MPa)	ASTM D648	89 °C	192 °F
Flammability Rating - UL94	UL94	HB	HB

Applications Include:

- Medical/Healthcare
- Foam
- Food Contact Applications
- Sheet

Manufacturing Capabilities:



Colors:

Natural

In addition to our standard capabilities, Westlake also has the ability to process custom resins in various sizes and colors with some exceptions.

This information is offered solely for your consideration, examination and verification, and is to be construed neither as a warranty nor guarantee that the same results as those stated herein will be obtained by the use to which others may put the material. Each user of the material should make his own tests to determine the characteristics and suitability of the material for his own particular use and the use which will be made of the completed product. This publication is not to be taken as a license to operate under, or a recommendation to infringe any patents. The observance of all legal regulations and patents is the responsibility of the user. The buyer's exclusive remedy against the seller shall be for the repair or replacement of defective stock. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or other incidental or consequential loss) shall be available to the buyer.



Phone : 1.610.459.1000
 Phone : 1.800.000.1700
 Fax : 610.459.1084
 490 West Lenni road
 Lenni, PA 19052
 U.S.A
 Email : info@westlakeplastics.com

CLICK TO OUR WEBSITE



EXCLUSION OF WARRANTIES: THERE ARE NO WARRANTIES AS TO THE MATERIAL DESCRIBED HEREIN, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. ANY VALUES STATED IN SELLER'S LITERATURE ARE TYPICAL PROPERTIES ONLY.