



Material propertiesⁱⁱⁱ:

Specific Gravity	1.07	D-792
Water absorption saturated at 23° C, %	1.65	D-570
Rockwell Hardness, R Scale	107	D-785
Tensile Strength, Yield (2in/min), MPa (psi)		D-638
23°C (73°F)	44 (6,380)	
Flexural Modulus, MPa (psi)		D-790
23°C (73°F)	2,300 (333,000)	
Notched Izod Impact, J/M (ft-lbs/in)		D-256
-40°C (-40°F)	37 (0.7)	
23°C (73°F)	180 (3.4)	
Instrumented Dart Impact (Peak force), J (in-lbs)	51 (453)	D-3763

Common Applications:

- ◆ Marine
 - Motor covers
 - Boat hulls
 - Sail boards

- ◆ Construction
 - Exterior deck boards & trim
 - Fencing
 - Door panels



Solar Panels Plus

- ◆ Misc
 - Satellite Dishes
 - Heat pump housing
 - Outdoor signs
 - Luggage racks



ASA in continuous UV exposure applications

ASA has been in production since 1967 with 100's millions pounds shipped worldwide used in numerous commercial applications. The material has been chosen by all major OEM's due to:

- ◆ Superior weathering capability
- ◆ Impact resistance after long periods of cold and UV exposure
- ◆ Extremely consistent during the manufacturing process
- ◆ Absence of warranty issues

ⁱ ASA weatherability BASF

ⁱⁱ Luran S ASA in the solar industry BASF

ⁱⁱⁱ Styrolution Luran S Data Sheet.pdf