

# Tuffak® XL

Polycarbonate

Altuglas International of Arkema Inc.

Message:

Additional Application(s):

Outdoor Signage

Glazing

General Information			
Features	Electrically Insulating		
	Good Chemical Resistance		
	Good Processability		
	Good UV Resistance		
	Good Weather Resistance		
	High Clarity		
	High Impact Resistance		
	Machinable		
Uses	Clear Sheet		
	Sheet		
Appearance	Clear/Transparent		
	Colors Available		
	Opaque		
	Translucent		
Forms	Sheet		
Processing Method	Thermoforming		
Hardness	Nominal Value		Test Method
Rockwell Hardness			ASTM D785
M-Scale	75		
R-Scale	118		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Break)	68.9	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	910	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648
CLTE - Flow	7.0E-5	cm/cm/°C	ASTM D696
Optical	Nominal Value	Unit	Test Method
Transmittance	87.0	%	ASTM D1003
Haze	1.0	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

