

## Polykemi AB SCANBLEND FS7 UV4 PC/ASA Blend with Improved Weather Resistance

Category : Polymer , Thermoplastic , ASA Polymer , Polycarbonate (PC) , Polycarbonate/ASA Alloy, Unreinforced

### Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polykemi-AB-SCANBLEND-FS7-UV4-PCASA-Blend-with-Improved-Weather-Resistance.php](http://www.lookpolymers.com/polymer_Polykemi-AB-SCANBLEND-FS7-UV4-PCASA-Blend-with-Improved-Weather-Resistance.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	With Flow; ISO 2577
	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	Across Flow; ISO 2577
Melt Index of Compound	20 g/10 min	20 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 260 °C	@Load 11.0 lb, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 48.0 MPa	<= 6960 psi	ISO/R527
Elongation at Yield	7.0 %	7.0 %	ISO/R527
Flexural Strength	<= 82.0 MPa	<= 11900 psi	ISO 178
Flexural Modulus	2.50 GPa	363 ksi	ISO 178
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	4.50 J/cm <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	121 °C	250 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	102 °C	216 °F	120°C/h; ISO 75/1
Vicat Softening Point	123 °C	253 °F	50°C/h; ISO 306
	@Load 5.001 kg	@Load 11.03 lb	
	136 °C	277 °F	50°C/h; ISO 306
	@Load 1.00 kg	@Load 2.21 lb	

Thermal Properties	HB Metric	HB English	Comments
	@Thickness 1.60 mm	@Thickness 0.0630 in	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China