

Styron CALIBRE[®],ç 7104-8 Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

CALIBRE[®],ç 7104-8 glass-reinforced resin offers increased modulus and improved heat distortion resistance, with minimal shrinkage. It also offers outstanding UL-94 flammability ratings. CALIBRE[®],ç 7103-8 additive package: Mold release and UV stabilizer. Information provided by Dow This product line was spun off from Dow Chemical to Styron in 2010.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Styron-CALIBRE-7104-8-Polycarbonate.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ISO 1183B
Melt Flow	8.0 g/10 min @Load 1.20 kg, Temperature 300 Â°C	8.0 g/10 min @Load 2.65 lb, Temperature 572 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	59.0 MPa	8560 psi	50 mm/min; ISO 527-2
Tensile Strength, Yield	60.0 MPa	8700 psi	50 mm/min; ISO 527-2
Elongation at Break	6.0 %	6.0 %	50 mm/min; ISO 527-2
Elongation at Yield	4.0 %	4.0 %	50 mm/min; ISO 527-2
Tensile Modulus	4.00 GPa	580 ksi	ISO 527
Charpy Impact, Notched	1.20 J/cm ²	5.71 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Vicat Softening Point	150 Â°C	302 Â°F	50Â°C/hr, 50N; ISO 306-B50
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	
	5VA @Thickness 3.00 mm	5VA @Thickness 0.118 in	
Ring & Ball Softening Point	>= 125 Â°C	>= 257 Â°F	IEC 60335-1

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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