

Kazanorgsintez PC-075 Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

Production Method: Obtained by means of polycondensation method. Application: Intended for manufacture of optical products by method of die-casting (including CD, DVD, and other discs), as well as the manufacture of mixed composites with other plastics. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-PC-075-Polycarbonate.php

Physical Properties	Metric	English	Comments
Melt Flow	9.8 - 10.8 g/10 min	9.8 - 10.8 g/10 min	
	@Load 1.20 kg, Temperature 250 Â°C	@Load 2.65 lb, Temperature 482 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 60.0 MPa	>= 8700 psi	
Elongation at Break	>= 50 %	>= 50 %	
Flexural Modulus	2.25 GPa	326 ksi	
Transverse Strength	>= 90.0 MPa	>= 13100 psi	at max sample load

Optical Properties	Metric	English	Comments
Refractive Index	1.584 - 1.586	1.584 - 1.586	
	@Temperature 20.0 Â°C	@Temperature 68.0 Â°F	
Yellow Index	<= 3.5 %	<= 3.5 %	
Transmission, Visible	>= 89 %	>= 89 %	
	>= 91 %	>= 91 %	

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