

Overview of materials for Polycarbonate/Thermoplastic Polyurethane Blend

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Thermoplastic Polyurethane Blend , Polyurethane, TP

Material Notes:

This property data is a summary of similar materials in the MatWeb database for the category "Polycarbonate/Thermoplastic Polyurethane Blend". Each property range of values reported is minimum and maximum values of appropriate MatWeb entries. The comments report the average value, and number of data points used to calculate the average. The values are not necessarily typical of any specific grade, especially less common values and those that can be most affected by additives or processing methods.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Overview-of-materials-for-PolycarbonateThermoplastic-Polyurethane-Blend.php

Physical Properties	Metric	English	Comments
Density	1.15 - 1.18 g/cc	0.0415 - 0.0426 lb/in ³	Average value: 1.15 g/cc Grade Count:7
Linear Mold Shrinkage	0.00500 - 0.0120 cm/cm	0.00500 - 0.0120 in/in	Average value: 0.00800 cm/cm Grade Count:7

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73.0 - 95.0	73.0 - 95.0	Average value: 84.0 Grade Count:3
Tensile Strength, Ultimate	36.5 - 55.2 MPa	5300 - 8000 psi	Average value: 48.1 MPa Grade Count:7
Tensile Strength, Yield	2.07 - 53.8 MPa	300 - 7800 psi	Average value: 18.4 MPa Grade Count:7
Elongation at Break	370 - 470 %	370 - 470 %	Average value: 400 % Grade Count:5
Flexural Modulus	0.00427 - 2.62 GPa	0.620 - 380 ksi	Average value: 0.743 GPa Grade Count:7

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