

# Photopolymer materials for PolyJet (PJ) printing

## Overview

rapid prototype and manufacturing llc offers a wide range of PolyJet materials engineered to emulate your final product. Materials can be clear or opaque, flexible or rigid with high resolution and smooth surface finish. These materials can be printed simultaneously enabling multi-durometer materials in the same part.

rp+m is AS9100:2016 Certified, ISO 9001:2015 Certified, Small Business Certified, and ITAR registered.



Mechanical Properties						Thermal Properties	
Purpose	Product	Tensile Strength, Yield (MPa)	Flexural Modulus (MPa)	Impact Resistance, notched (J/m) (XZ Orientation)	Shore Hardness	HDT (°C) @ .45 MPa	Available Colors
<b>Strong, Functional Modeling</b>	Vero	50-65	2,200-3,200	20-30	83-86 D	45-50	White, Black, Grey
	Vero Clear	50-65	2,200-3,200	20-30	83-86 D	45-50	Translucent
	Digital ABS	55-60	1,700-2,200	90-115	85-87 D	58-68 (90 if heat treated)	Green
<b>Flexible/ Varying Durometers</b>	Tango	0.8	50	3	26-28 A	---	Black, Grey, Translucent

Let's talk.

Contact an rp+m professional today:  
33490 Pin Oak Parkway • Avon Lake, OH 44012  
440.930.2015 • info@rpplum.com • www.rpplum.com

