



Redeye

PARTS FOR PROTOTYPE AND PRODUCTION • ON DEMAND

TangoBlack PolyJet Resin (FC970)



PolyJet is a resin like material. Our Tango PolyJet Resins are similar to rubber or silicone. Parts from this material can easily stretch to mate with other components. TangoBlack (FC970) provides maximum elasticity with a hardness of 61 Shore A. Tango is expected to be of interest to manufacturers of products with pliable features, such as tires, toys, shoes, gaskets, keypads, over-molding, and flexible automobile trim components.

Properties	Standard Procedure	TangoBlack
Tensile Strength, MPa	ASTM D-412	2.0
Elongation at Break, %	ASTM D-412	47.7
Compression set, %	ASTM D-395	0.8
Shore a Hardness, Deg	ASTM D-2240	61.0
Tensile Tear Resistance, Kg/cm	ASTM D-624	3.8
Tg, C	DSC (-80 C + 100 C)	-10.7

For more information about Redeye services and materials, contact your representative at +1 866-882-6934 or visit www.redeyeondemand.com

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8081 Wallace Road
Eden Prairie, MN 55344 USA
+1 866-882-6934 (US Toll Free)
+1 952-906-2725
+1 952-906-2765 (Fax)
GoDigital@redeyeondemand.com
www.redeyeondemand.com

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