

RESIN - 3DS - Figure 4 RUBBER-BLK 10

Brand: **3D Systems**

Product Code: **3DPR-RBR-BLK10-25**



* Application example

RESIN - 3DS - Figure 4 RUBBER-BLK 10

DURABLE ELASTOMER - High Tear Strength with Long Term Environmental Stability for Hard Rubber-Like Parts.

Figure 4® RUBBER-BLK 10 is a high tear strength material for the production of hard rubber-like parts with slow-rebound for touch applications such as grips, handles and bumpers, as well as strain-relief applications, couplings, over molds, etc.

This extremely tough material has an exceptional surface finish and long-term environmental stability.

Isotropic properties:

Figure 4 technology prints parts that are isotropic in mechanical properties meaning the parts printed along either the XYZ axis will give similar results. Parts do not need to be oriented to get the highest mechanical properties, improving the degree of freedom for part orientation for mechanical properties.

Applications:

- * Slow-rebound hard-rubber material allows for multiple touch applications, including grips, handles, bumpers
- * Good for strain-relief type applications
- * Couplings and overmoldings
- * Production parts needing long term environmental stability where mechanical properties fit

Benefits:

- * Exceptional surface finish
- * Very tough material
- * Great for soft touch applications
- * Engineered for long term environmental stability

Features:

- * High tear strength
- * Shore hardness of 59D and 97A
- * Tough and durable
- * Biocompatible capable per ISO10993-5 and ISO10993-10

Attachments

[Figure 4@ RUBBER-BLK 10 Comprehensive Data sheet](#)