

# Materials

## **Vydyne 21X - Nylon 6/6**

A general purpose 6/6 nylon. Excellent for threaded fasteners without the stiffness or rigidity of 20N. Typical applications for all externally and internally threaded products are stock carried in screws, spacers and nuts.

## **Vydyne 20N - Nylon 6/6**

A stabilized nucleated 6/6 nylon. A very white material. Typical applications for Vydyne 20N are terminal blocks, bearings, electrical coils, bobbins, business control cams, electrical connectors, housings, wire ties, fasteners, switch components and general industrial parts that require stiffness and rigidity.

## **Vydyne 22HSP - Heat Stabilized Nylon**

A heat stabilized 6/6 nylon. Vydyne 22HSP is used in applications where high heat resistance is required.

## **Vydyne R-513 - Glass Filled Nylon**

Glass fiber filled 6/6 nylon is used in applications where high heat and higher torque strength is needed.

## **Vydyne 41 - Super Tough Nylon**

A super high impact 6/6 nylon. Excellent for applications where extreme toughness and flexibility are critical.

## **Vydyne M-344-01 - Flame Retardant**

A flame retardant 6/6 nylon for use where U.L. flame retardant criteria is needed. Note: V.I.P. can mix various percentages of super tough and glass filled materials with our nylon 6/6 for different applications.

## **Polycarbonate**

A clear, super high impact plastic resin.

## **B.A.S.F. Plastic Materials**

B.A.S.F. is a leader in the production of the very highest quality engineering resins in the world. Owned by B.A.S.F. International in Germany, their line of injection molding resins are produced in the U.S. to the stringent quality levels that all German manufacturers are known for.

## **B.A.S.F. Ultraform N2320 - Acetal**

B.A.S.F. acetal materials are known throughout the industry as the superior co-polymer materials in use today. Superior toughness and long life make these resins among the best for outdoor applications. Great for many automotive "under hood" uses.

## **Rexene Polypropylene - Rexene 17520V**

An impact co-polymer material. Suitable for many automotive applications. A superior processing material with great toughness.

### **Specifications**

Material Data Sheets, Material Certifications, and Certificate of Compliance available upon request.