Consumer and Industrial

Vydyne® PA66 and PA66/6 Products for Consumer and Industrial Applications
Industrial | HARDWARE, STOCK SHAPES
High strength, good compressive strength, excellent wear resistance, chemical resistance Vydyne Offering: 22HSP, 21SPC, 21SPF, 20NSP1, R515, R525, R530

Industrial | THERMAL BREAKS
High strength, temperature resistance, CLTE match to aluminum, dimensional stability Vydyne Offering: 50BWFS, R525, R530, R535, R540, R550

Industrial | MONOFILAMENT
Excellent abrasion resistance, chemical resistance, good bend recovery Vydyne Offering: 63A, 65A, 75HF, 66B, 67B

When specifying Vydyne PA66 from Ascend Performance Materials, customers expect consistent product quality, performance and security of supply anywhere around the world.

Product consistency
Our customers require perfect polymer. Ascend’s complete integration of PA66 manufacturing from the basic building blocks of propylene, ammonia and natural gas to packaged product gives us control of every aspect of our PA66 production.

Reliability
Multiple manufacturing sites give Ascend duplicate capability to assure security of supply even in volatile market conditions. Our versatile assets enable us to cost effectively produce commodity grades while also having the ability to customize products for special applications.

Value
Our integration, scale and experience provide you world scale, high quality PA66 at competitive pricing everyday in every region of the world. And we’re with you at every step. From PhD scientists to field service engineers, Ascend positions its support team near you to provide quick, effective solutions.

Dependable
Lean on Ascend for a full portfolio of PA66 products and the technical support to turn your needs into solutions.

For more information about what Vydyne products can do for you, call your sales representative or visit www.ascendmaterials.com.
Vydyne® Products for Consumer and Industrial Applications

**Category**
- **General-purpose**
- **Impact-modified**
- **Speciality**
- **High-viscosity**

| Product No | 3300PF | 2305PF | 2315PF | 2308PF | 2306PF | 2215PF | 2210PF | 2211PF | 2205PF | 2206PF | 2195PF | 2195PF | 2185PF | 2175PF | 2170PF | 2166PF | 2145PF | 2135PF | 2125PF | 2120PF | 2115PF | 2110PF | 2105PF | 2100PF | 2095PF | 2090PF | 2085PF | 2080PF | 2075PF | 2070PF | 2065PF | 2060PF | 2055PF | 2050PF | 2045PF | 2040PF | 2035PF | 2030PF | 2025PF | 2020PF | 2015PF | 2010PF | 2005PF | 2000PF | 1995PF | 1990PF | 1985PF | 1980PF | 1975PF | 1970PF | 1965PF | 1960PF | 1955PF | 1950PF | 1945PF | 1940PF | 1935PF | 1930PF | 1925PF | 1920PF | 1915PF | 1910PF | 1905PF | 1900PF | 1895PF | 1890PF | 1885PF | 1880PF | 1875PF | 1870PF | 1865PF | 1860PF | 1855PF | 1850PF | 1845PF | 1840PF | 1835PF | 1830PF | 1825PF | 1820PF | 1815PF | 1810PF | 1805PF | 1800PF | 1795PF | 1790PF | 1785PF | 1780PF | 1775PF | 1770PF | 1765PF | 1760PF | 1755PF | 1750PF | 1745PF | 1740PF | 1735PF | 1730PF | 1725PF | 1720PF | 1715PF | 1710PF | 1705PF | 1700PF | 1695PF | 1690PF | 1685PF | 1680PF | 1675PF | 1670PF | 1665PF | 1660PF | 1655PF | 1650PF | 1645PF | 1640PF | 1635PF | 1630PF | 1625PF | 1620PF | 1615PF | 1610PF | 1605PF | 1600PF | 1595PF | 1590PF | 1585PF | 1580PF | 1575PF | 1570PF | 1565PF | 1560PF | 1555PF | 1550PF | 1545PF | 1540PF | 1535PF | 1530PF | 1525PF | 1520PF | 1515PF | 1510PF | 1505PF | 1500PF | 1495PF | 1490PF | 1485PF | 1480PF | 1475PF | 1470PF | 1465PF | 1460PF | 1455PF | 1450PF | 1445PF | 1440PF | 1435PF | 1430PF | 1425PF | 1420PF | 1415PF | 1410PF | 1405PF | 1400PF | 1395PF | 1390PF | 1385PF | 1380PF | 1375PF | 1370PF | 1365PF | 1360PF | 1355PF | 1350PF | 1345PF | 1340PF | 1335PF | 1330PF | 1325PF | 1320PF | 1315PF | 1310PF | 1305PF | 1300PF | 1295PF | 1290PF | 1285PF | 1280PF | 1275PF | 1270PF | 1265PF | 1260PF | 1255PF | 1250PF | 1245PF | 1240PF | 1235PF | 1230PF | 1225PF | 1220PF | 1215PF | 1210PF | 1205PF | 1200PF | 1195PF | 1190PF | 1185PF | 1180PF | 1175PF | 1170PF | 1165PF | 1160PF | 1155PF | 1150PF | 1145PF | 1140PF | 1135PF | 1130PF | 1125PF | 1120PF | 1115PF | 1110PF | 1105PF | 1100PF | 1095PF | 1090PF | 1085PF | 1080PF | 1075PF | 1070PF | 1065PF | 1060PF | 1055PF | 1050PF | 1045PF | 1040PF | 1035PF | 1030PF | 1025PF | 1020PF | 1015PF | 1010PF | 1005PF | 1000PF

**Characteristics**
- Heat-stabilized
- Lubricated, fast cycle
- Low-impact
- Medium-impact
- High-impact
- 15% glass
- 25% glass
- 30% glass
- 35% glass
- 40% glass
- 50% glass
- Low RV
- Medium RV
- High RV

**Applications**

**Consumer**
- **Aerosol Valves**
- **Buckles**
- **Kitchenware**
- **Lighters**
- **Strollers**
- **Film**
- **Food Packaging**
- **Oven Bags, Pan Liners**
- **Sausage Casings**
- **Vacuum Film (Industrial)**

**Industrial**
- **Custom Molds**
- **Gears**
- **Hardware (screws, washers, clips)**
- **Micro-manufacture**
- **Pulleys**
- **Rod Fasteners**
- **Stock Shapes, Machined Components**
- **Thermal Breaks**
- **Water Meters, Pump Housing**

**Sporting Goods**
- **Golf Clubs**
- **Hockey Skate Blade Holder**
- **Lacrosse Head**
- **Ski and Snowboard Bindings**
- **Wheel and Hubs**

**Increased Productivity**
- **Increased Toughness**
- **Increased Strength**
- **Increased Melt Strength**

**Vydyne Offering**
- Consumer: 21SPC, R515, R525, R530
- Consumer: 22HSP, 21SPC, 21SPF, 20NSP1
- Consumer: 21SPC, 47H, R525, R530
- Consumer: 22HSP, 21SPC, 21SPF, 20NSP1, 47H
- Consumer: 22HSP, 21SPC, 21SPF, 20NSP1, 47H
- Consumer: 22HSP, 21SPC, 21SPF, 47H, R525
- Consumer: 22HSP, 21SPC, 21SPF, 47H, R525, R530
- Consumer: 22HSP, 21SPC, 21SPF, 47H, R525, R530