



CORPORATE OFFICE

Aquent Polymers Pvt. Ltd.

Office-I : E-49, Sector-5, DSII DC Industrial Area,
Bawana, Delhi-110039 INDIA

Office-II : Plot No. G/2, Maitry Empire No.3,
M.B. Estate Road, Virar (West) Palghar-401303
+91 98713 55000, 99107 16850
+91 11 4701 7341

PRODUCTION SITE

Aquent Polymers Pvt. Ltd.

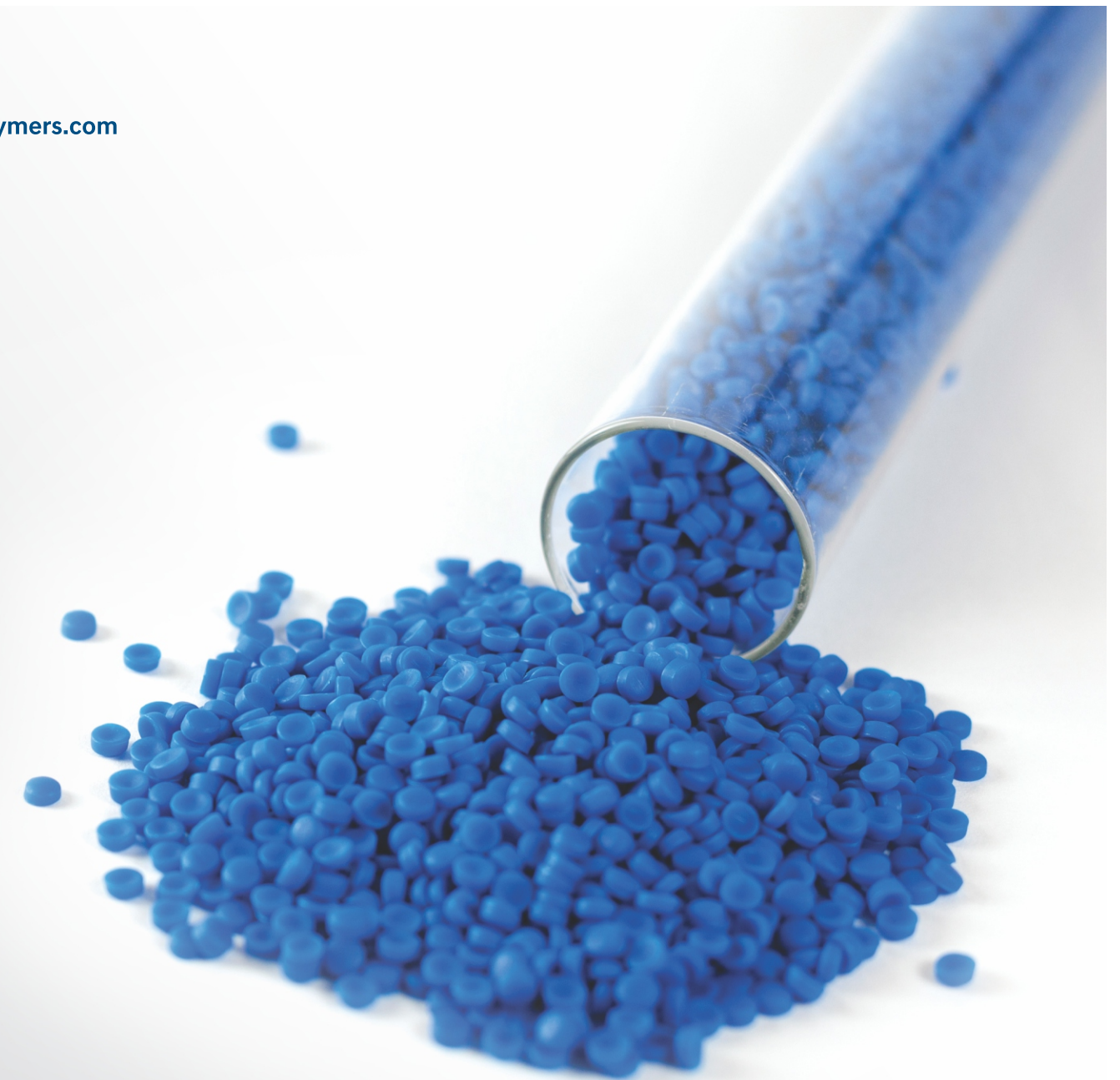
Unit-I : E-50, Sector-5, DSII DC Industrial Area,
Bawana, Delhi-110039 INDIA

Unit-II : E-51-58, Sector-5, DSII DC Industrial Area,
Bawana, Delhi-110039 INDIA

Unit-III : Plot No. 741, IMT Kharkhoda HSIIDC
Sonipat-131402 Haryana INDIA

Unit-IV : I-55,56, Sector-5, DSII DC Industrial Area,
Bawana, Delhi-110039 INDIA
+91 93112 42941, 99107 19123
+91 11 2779 1850

www.aquentpolymers.com



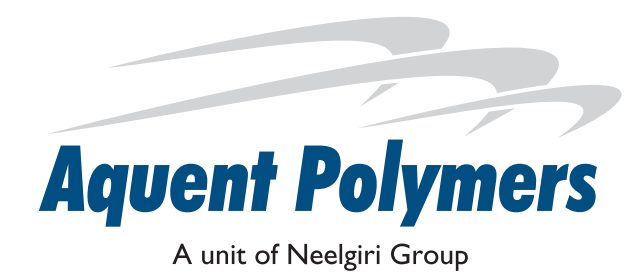
We Engineered Your Products

www.aquentpolymers.com

info@aquentpolymers.com | aquentpolymers@gmail.com

We look forward to meeting with you!

IATF 16949:2016 Certified



Quality Policy

We all at
AQUENT POLYMERS PVT. LTD.
are committed to manufacture and
supply quality thermoplastic
engineered compound for Automotive,
Appliances & Industrial Applications at
competitive price and timely delivery.
It will achieve only by the continual
improvement towards product
manufacturing.



Our Vision with a Mission

VISION

To create a world of distinct solutions for ever growing
needs of our valued customers.

MISSION

To link people and information globally in a way that
revolutionaries our customer's business.

Customer Satisfaction
Excellent Quality
Instant Delivery
Cost Effective
are the backbone
of our success

AQUENT POLYMERS PVT. LTD. was
established at just one decade in
2002 with modern of art facilities.
Our motto is **“Complete solution in
one roof”**. Our product ranges include
PP Compounds (Talc, Calcium Carbonate,
Glass, Flame Retardent), ABS Compound,
HIPS Compounds, Nylon (Polyamide)
Compounds and Modified Unfilled Pre
Color PP, ABS, HIPS.

ISO 9001: 2008 Certificate provides the frame work for
Aquent Quality system from Raw material to Finished product
dispatch. As a part of continual improvement we are ready with
our Quality Management System.

In addition Aquent Polymers has established state of art quality
control laboratory to monitor online as well as final product quality.
The use of latest technology in our color development facility
enables us to match critical colors and produce the highest
quality products with exceptional lot to lot consistency.

OUR TEAM : Our highly qualified and diligent team is committed
for customer's satisfaction.

BUSINESS APPROACH :

- We believe in relationship marketing rather than transaction
marketing
- We don't sell products.....we offer customized solution.
- Continuous innovation in order to offer better, cheaper and faster
products & services to customers.

Its indeed a pride for us to promise you that

“Your Aspiration is Our Commitment...!!!”



Aquent Polymers
A unit of Neelgiri Group

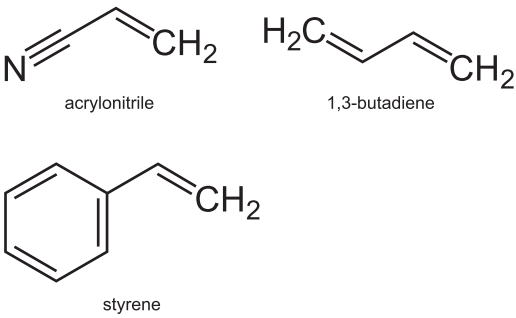
Polypropylene Compounds for Automotive & Home Appliances



- Processing Guideline :**
- Pre dry the material @ 80 - 90°C for 2 hours
 - Injection Molding Temperature from Feed zone to Nozzle 200 - 230°C
 - Mould Temperature 40 - 60°C

| Physical Property | Test Method | Unit | AQPL 1000 | AQPL 1010 | AQPL1020 | AQPL1030 | AQPL1040 | AQPL 1010 | AQPL 1020 | AQPL1030 |
|----------------------------|-------------|----------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|
| | | | PPUF | PHTN | PHTN | PHTN | PHTN | PHGN | PHGN | PHGN |
| Density | ASTM D-1501 | gm / cm ³ | 0.9 | 0.98 | 1.04 | 1.1 | 1.2 | 0.98 | 1.05 | 1.15 |
| MFI | ASTM D-1238 | gm /10 min | 10 | 9 | 9 | 9 | 9 | 6 | 5 | 4.5 |
| Shrinkage | ASTM D-955 | % | 1.5 | 1.45 | 1.3 | 1.15 | 1.00 | 0.65 | 0.5 | 0.4 |
| Mechanical Property | | | | | | | | | | |
| Tensile Strength &Yield | ASTM D-638 | kg / cm ² | 320 | 330 | 330 | 315 | 305 | 400 | 450 | 550 |
| Elongation @ Break | ASTM D-638 | % | 50 | 30 | 28 | 25 | 20 | 10 | 8 | 6 |
| Flexural Strength | ASTM D-790 | kg / cm ² | 410 | 425 | 450 | 480 | 525 | 500 | 650 | 700 |
| Flexural Modulus | ASTM D-790 | kg / cm ² | 15500 | 16500 | 24000 | 30000 | 34000 | 20000 | 35000 | 45000 |
| Izod Impact | ASTM D-256 | kg.cm / cm | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 4.5 | 6 | 7 |
| Thermal Property | | | | | | | | | | |
| HDT @4.6 kgf Load | ASTM D-648 | °C | 110 | 120 | 125 | 128 | 130 | 125 | 135 | 142 |
| Other Property | | | | | | | | | | |
| Filler Content | ASTM D-5630 | % | Nil | 10±2 | 20±2 | 30±2 | 40±2 | 10±2 | 20±2 | 30±2 |

ABS Compounds for Auto, Electrical & Home Appliances etc.



- Processing Guideline :**
- Pre dry the material @ 90 - 100°C for 2 hours.
 - Injection Molding Temperature from Feed zone to Nozzle 225 - 250°C
 - Mould Temperature 40 - 65°C

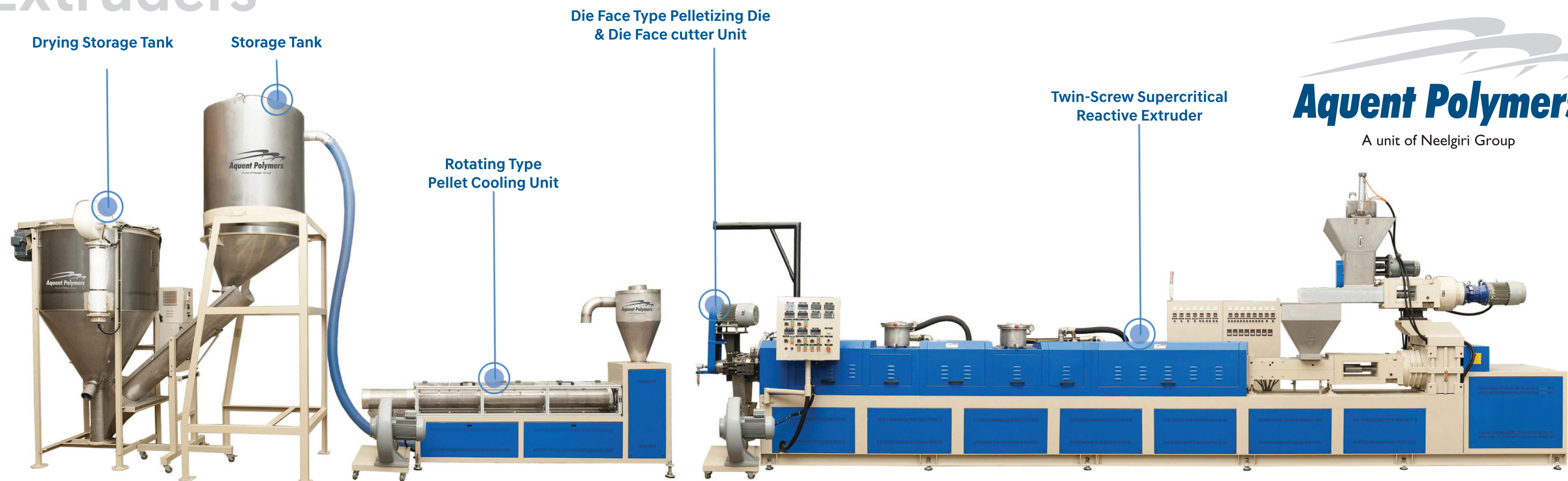
| Product Description | Grade |
|---------------------------------|------------------------|
| ABS Unfilled Pre color Compound | AQPL 1000 ABS UF Color |
| ABS Unfilled Black Compound | AQPL 1000 ABS UFB |
| ABS Flame Retardant Compound | AQPL 1000 ABS UFFR |

| Physical Property | Test Method | Units | AQPL 1000 ABS UF COLOR | AQPL 1000 ABS UFB | AQPL 1000 ABS UFFR |
|----------------------------|-------------|----------------------|------------------------|-------------------|--------------------|
| Density | ASTM D-1501 | gm / cm ³ | 1.05 | 1.05 | 1.3 |
| Shrinkage | ASTM D-955 | % | 0.75 | 0.75 | 0.65 |
| MFI | ASTM D-1238 | gm / 10 min | 28 | 25 | 20 |
| Mechanical Property | | | | | |
| Tensile Strength &Yield | ASTM D-638 | kg / cm ² | 424 | 424 | 400 |
| Elongation @ Break | ASTM D-638 | % | 30 | 30 | 30 |
| Flexural Strength | ASTM D-790 | kg / cm ² | 650 | 650 | 600 |
| Flexural Modulus | ASTM D-790 | kg / cm ² | 24000 | 24000 | 25000 |
| Izod Impact | ASTM D-256 | kg.cm / cm | | | |
| Thermal Property | | | | | |
| HDT @4.6 kgf Load | ASTM D-648 | °C | 90 | 90 | 90 |
| Flammability | UL-94 | - | NA | NA | V0 / V1 / V2 |
| Other Property | | | | | |
| Filler Content | ASTM D-5630 | % | Nil | Nil | Nil |

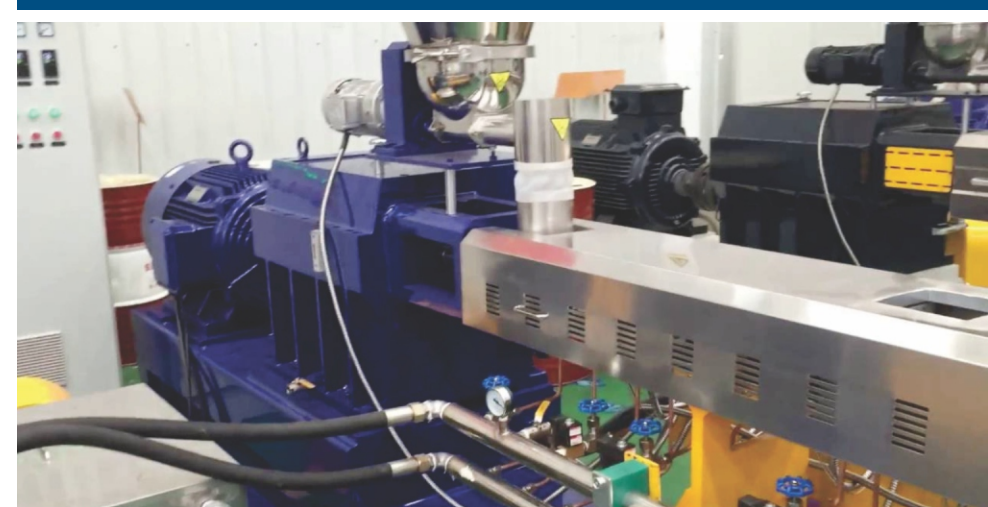
Twin Screw Extruders

Features & Strengths

The production facilities are located in the heart of INDIA and have twin screw extruders, mixers & latest microprocessor injection molding machine. With a team of engineers and plastic technologists overseeing and supervising the production process. Our present manufacturing capacity is approximate 4500 MT/Months.

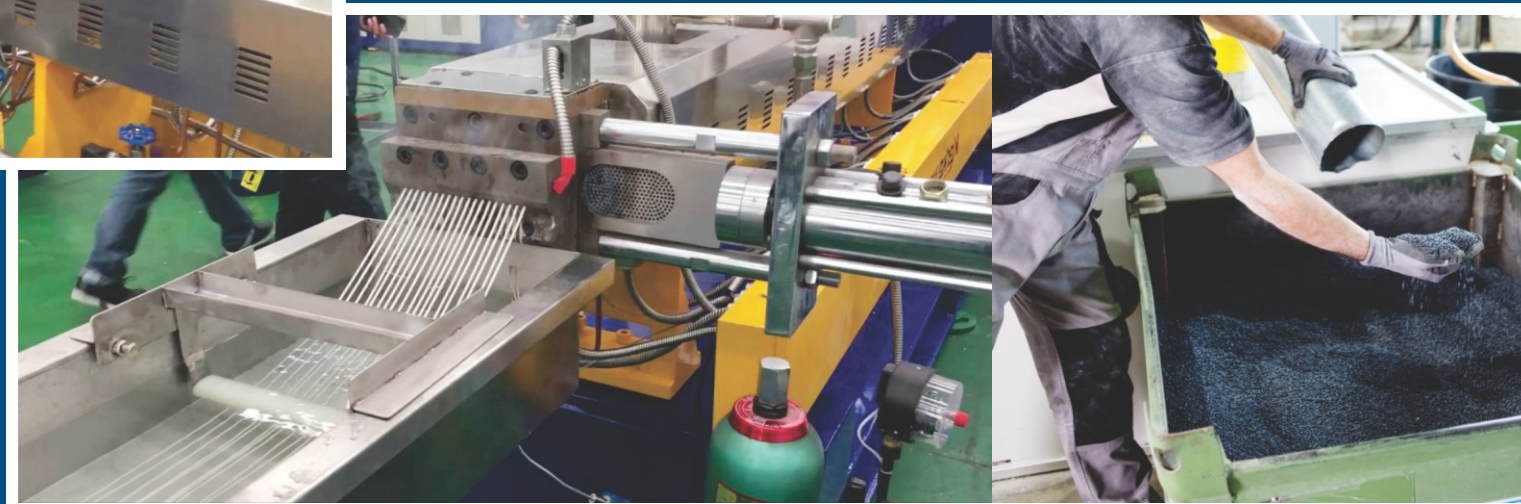


Aquent Polymers
A unit of Neelgiri Group

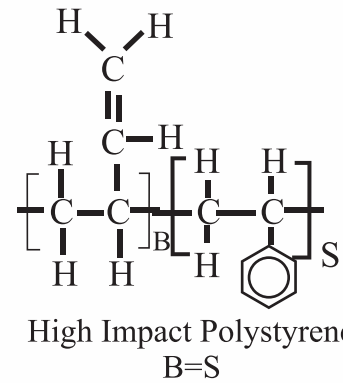


- Most Competitive Price & Best Quality Material
- Speedy Order Processing & Instant Delivery Process

- In House Delivery Arrangements & Logistics
- Monthly / Yearly Contract Available (Pre-Scheduled Dispatches)



HIPS Compounds For Home Appliances



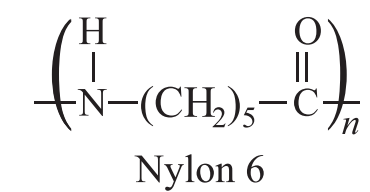
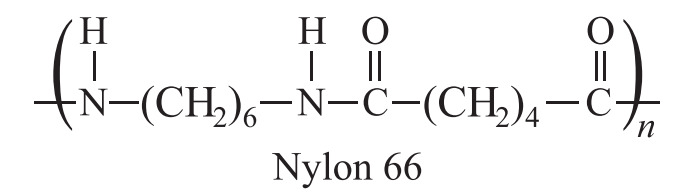
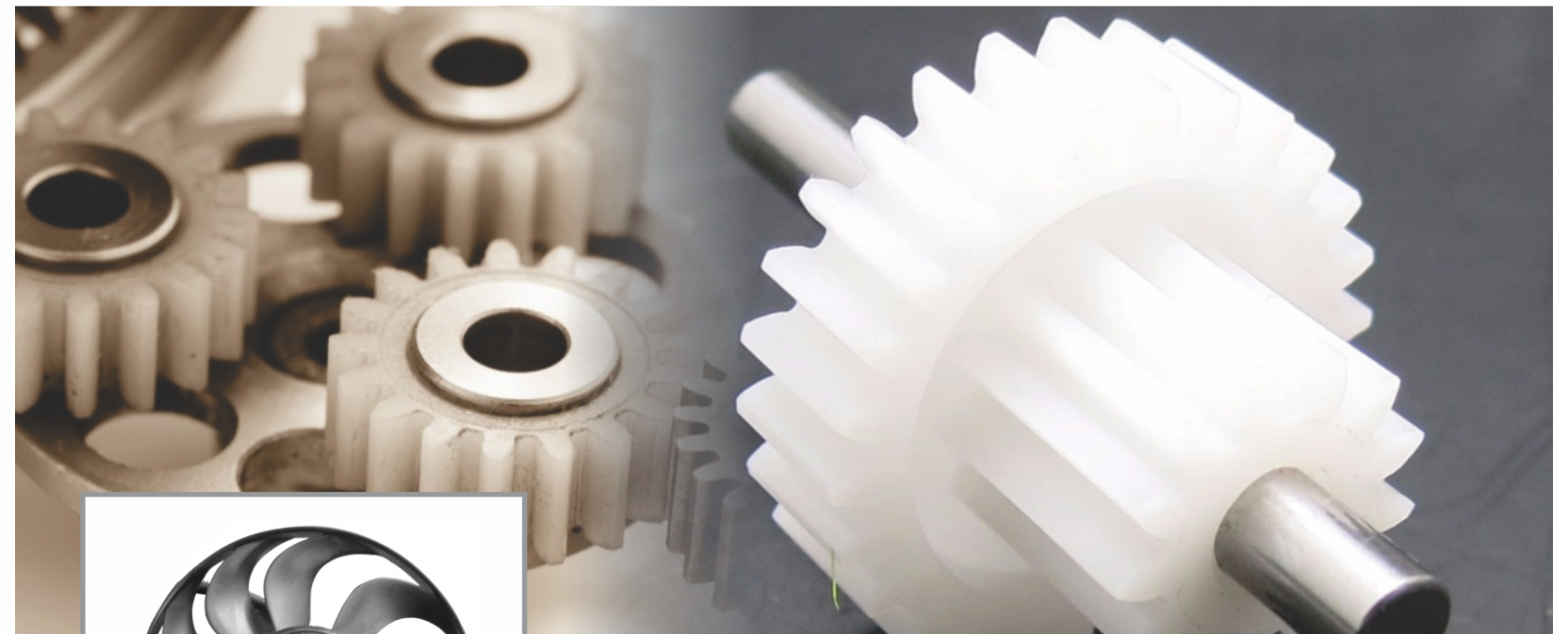
| Product Description | Grade |
|-------------------------------|------------------------|
| HIPS Unfilled Color Compound | AQPL 1000 HIPSUF Color |
| HIPS Unfilled Black Compound | AQPL 1000 HIPSUF Black |
| HIPS Flame Retardant Compound | AQPL 1000 HIPS FR |

Processing Guideline :

- Pre dry the material @ 90 - 100°C for 2 hours
- Injection Molding Temperature from Feed zone to Nozzle 210 - 230°C
- Mould Temperature 50 - 75°C

| Physical Property | Test Method | Units | AQPL 1000 | AQPL 1000 | AQPL 1000 |
|-------------------------|-------------|-------------|---------------|---------------|--------------|
| | | | HIPS UF COLOR | HIPS UF BLACK | HIPS FR |
| Density | ASTM D-1501 | gm / cm³ | 1.05 | 1.05 | 1.24 |
| Shrinkage | ASTM D-955 | % | 0.8 | 0.8 | 0.6 |
| MFI | ASTM D-1238 | gm / 10 min | 8 | 8 | >8 |
| Mechanical Property | | | | | |
| Tensile Strength &Yield | ASTM D-638 | kg / cm² | 300 | 280 | 220 |
| Elongation @ Break | ASTM D-638 | % | 25 | 25 | 22 |
| Flexural Strength | ASTM D-790 | kg / cm² | 440 | 440 | 400 |
| Flexural Modulus | ASTM D-790 | kg / cm² | 21500 | 21500 | 20000 |
| Izod Impact | ASTM D-256 | kg.cm / cm | 8 | 7 | 6 |
| Thermal Property | | | | | |
| HDT @4.6 kgf Load | ASTM D-648 | °C | 80 | 80 | 115 |
| Flammability | UL-94 | - | NA | NA | V0 / V1 / V2 |
| Other Property | | | | | |
| Filler Content | ASTM D-5630 | % | Nil | Nil | Nil |

NYLON PA6 & PA66 Compounds for Engineering, Railway & Electrical Industries etc.



| Product Description | Grade |
|--|------------------|
| Nylon-6 Unfilled Compound | AQPL 1000 N6 UF |
| 15% Mineral Reinforced Nylon-6 Compound | AQPL 1015 N6 TF |
| 30% Glass Fibre Reinforced Nylon-6 Compound | AQPL 1030 N6 GF |
| 15% Mineral Reinforced Nylon-66 Compound | AQPL 1015 N66 TF |
| 33% Glass Fibre Reinforced Nylon-66 Compound | AQPL 1030 N66 GF |

Processing Guideline :

- Pre dry the material @ 100 - 110°C for 2 hours
- Injection Molding Temperature from Feed zone to Nozzle 235 - 265°C
- Mould Temperature 50 - 75°C

| Physical Property | Test Method | Units | AQPL 1000 | AQPL 1015 | AQPL 1030 | AQPL 1015 | AQPL 1030 |
|-------------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|
| | | | N6 UF | N6 TF | N6 GF | N66 TF | N66 GF |
| Density | ASTM D-1501 | gm / cm³ | 1.14 | 1.25 | 1.38 | 1.24 | 1.39 |
| Shrinkage | ASTM D-955 | % | 1.45 | 0.45 | 0.32 | 0.45 | 0.30 |
| Mechanical Property | | | | | | | |
| Tensile Strength &Yield | ASTM D-638 | kg / cm² | 600 | 950 | 1350 | 600 | 1400 |
| Elongation @ Break | ASTM D-638 | % | 50 | 10 | 5 | 10 | 5 |
| Flexural Strength | ASTM D-790 | kg / cm² | 950 | 1450 | 2250 | 950 | 2350 |
| Flexural Modulus | ASTM D-790 | kg / cm² | 24000 | 45000 | 70000 | 35000 | 85000 |
| Izod Impact | ASTM D-256 | kg.cm / cm | 4 | 8 | 12.5 | 5 | 13.5 |
| Thermal Property | | | | | | | |
| HDT @4.6 kgf Load | ASTM D-648 | °C | 145 | 195 | 200 | 150 | 205 |
| Other Property | | | | | | | |
| Filler Content | ASTM D-5630 | % | Nil | 15±2 | 30±2 | 15±2 | 32±2 |
| | | | | | | | |



Extensive R&D and Quality Control

The company is equipped with all the latest and sophisticated testing machines to test the raw material and finished goods. In the laboratory there are qualified staffs to test the raw material on line process control and finished goods material. Each lot of raw material and finished goods are tested for color differences, pellet uniformity, dispersion, specific gravity, shrinkage, tensile strength, elongation, flexural strength, flexural modules, izod impact, MFI, heat distortion temperature etc.

- Conditioning Chamber
- Universal Tensile Tester
- Izod Impact Tester
- Spectrophotometer
- MFI Tester
- Muffel Furnace
- HDT / VSP Tester
- Rockwell Hardness Tester

Some of the equipments used by



Marketing / After Sales Services

The company has a team of marketing executive sales engineer to promote & market the company products. The company has got full-fledged team of competent services engineers to provide after sales services



Accolades & Certifications



- Acceptance and recognition by leading industries in India who regularly use our products
- IATF 16949:2016 Certified
- ISO 9001 : 2008 Certified