



## Polymer Compounds and Blends



At Rajiv Plastic Industries, we specialize in formulating and compounding all kinds of resins. Our ability to do so gives product designers a great amount of flexibility in designing moulds without worrying about processing and flow issues.

Sometimes an application requires a material that has some properties of one polymer, and some of another. Instead of synthesizing a completely new polymer with all the properties you want, we modify and blend polymers and additives together to get the desired properties you are looking for.

We can even add a colorant, additive, flame retardant, UV resistance, durability or wear resistance package to the compound developed for you.

In recent years, compounds have been increasingly recognized by the Automotive, Electrical and Electronic segments amidst other industries as a replacement to metal. We work closely with major resin manufacturers, OEM development engineers and Tier I and Tier II suppliers to develop critical compounds and masterbatches. No other supplier in India has as strong or experienced base and number of approvals.

### Compounds and Blends we offer :

- Flame Retardant Compounds for all commodity and engineering plastics
- Glass Reinforced Compounds
- Alloys and Blends such as PC+ABS, PC+ASA,
- Pre-Colored Compounds
- Pearl Compounds
- Nano-Composites
- Purging Compounds

### Our brands are

*AkuBlend*<sup>TM</sup> PC / ABS / PMMA / PA / PBT / ASA / POM / PPO

*AkuFil*<sup>TM</sup> Talc and mineral filled compounds in PE and PP bases

*AkuPurge*<sup>TM</sup> Purging Compounds

*AkuPlene*<sup>TM</sup> Glass filled PP compounds from 10% to 30% Glass Fiber. Chemically coupled grades available.

*RajAmide*<sup>TM</sup> Glass and Mineral filled compounds in PA6 and PA6,6 from 10% to 33% Glass Fiber

Some of our in stock and off-the-shelf compounds have the following packages –

Material	Reinforcement					
	Glass Fiber	Glass Beads	Wollastonite	Flame Retardant	Impact Modifier	Talc & CaCO3
Polypropylene	✓	✓	✓	✓	✓	✓
HIPS	✓	✓				
ABS	✓	✓		✓	✓	
Nylon 6	✓	✓		✓	✓	✓
Nylon 6/6	✓	✓	✓	✓	✓	✓
Polycarbonate	✓	✓		✓		

**Rajiv Plastic Industries**  
the "One Stop Shop" for your every compounding need.

### Rajiv Plastic Industries

B-8, Nand Bhuwan Industrial Estate, Mahakali Caves Road, Andheri (East), Mumbai 400 093, India

● Tel.: (91-22) 6692 9701 ● Fax: (91-22) 6692 9705 ● Email: [information@rajivplastics.com](mailto:information@rajivplastics.com) ● Visit us at [www.rajivplastics.com](http://www.rajivplastics.com)