

CYCOLAC™ INP362 resin

Acrylonitrile Butadiene Styrene

SABIC Innovative Plastics

Message:

SABIC INP362 is a very high rubber ABS impact modifier resin, and is based on polybutadiene rubber. Offers superior impact efficiency, especially at low temperatures. Reduces notch sensitivity when alloyed with engineering polymers. Disperses easily. Provides abrasion and chemical resistance to polymers. Provides toughness to PVC sheet, profile, electrical conduit and injection molded applications. Increases the impact strength of recycle PVC and other recyclates. Can be blended with polyurethanes and other polymers for improved performance and economics. Can be used to improve the impact performance of PC, polyesters, and PVC.

| General Information | | | |
|------------------------------|-----------------------------------|-------------------|-----------------|
| Additive | Rubber Impact Modifier | | |
| Features | Dispersible | | |
| | Low Temperature Impact Resistance | | |
| Uses | Blending | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | | | |
| -- | 0.968 | g/cm ³ | ASTM D792 |
| -- | 0.980 | g/cm ³ | ISO 1183 |
| Apparent Density | 0.29 | g/cm ³ | ASTM D1895 |
| Mean Particle Size | 700.0 | μm | Internal Method |
| Rubber Content | 62 | % | Internal Method |
| Total NA Volatiles | 0.10 | % | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 44 | | ASTM D2240 |

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