

HIPRENE MT42IN

HiPrene®MT42IN is a 20% mineral filled, elastomer modified polypropylene compound suitable for injection moulding. This material has very good impact/stiffness balance and it's easy to process. This material is paintable and is primarily designed to automotive interior parts like a dashboard and instrumental panel. This grade is available in natural or color-matched, pellet form.

| | Properties | Test condition | Method | Unit | Value |
|------------|-------------------------------|----------------|------------|-------------------|-------|
| Impact | Izod Impact Strength | 23°C | ASTM D256 | KJ/m ² | 25 |
| Hardness | Rockwell Hardness | R-Scale | ASTM D785 | | 70 |
| Physical | Melt Mass-Flow Rate | | ASTM D1238 | g/10min | 12 |
| | Specific Gravity | | ASTM D792 | g/cm ³ | 1,07 |
| Thermal | Volatile Matters | | GS Method | % | 0,1 |
| | Ash Content | 600°C | GS Method | % | 21 |
| Mechanical | Tensile Stress at Yield | | ASTM D638 | MPa | 21 |
| | Tensile Strain at Break | | ASTM D638 | % | 70 |
| | Flexural Modulus ¹ | 23°C | ASTM D790 | MPa | 2000 |