

TIP - 02

Polypropylene (PP)

Description:

TIP-02 is Polypropylene (PP) In-line compound, which contains rubber, additives, stabilizers and mineral filler. Its features high stiffness, high thermal stability and high impact resistance. It's suitable for injection molding process for automotive: interior and exterior parts.

Typical applications;

Injection Molding : Automotive parts, Appliance

Physical Properties:	Method	Unit	Value
Melt Flow Index (2.16 kg/230°C)	ISO1133	g/10min.	33
Tensile Strength at Yield	ISO 527-1	MPa	19
Elongation at Break	ISO 527-1	%	40
Charpy Notched Impact Strength (at -20°C)	ISO179	kJ/m ²	6.5
Flexural Modulus (1% SECANT)	ISO178	MPa	1700
Heat Distortion Temperature @ 4.6 kg	ISO75	°C	115
Density	ISO1183	g/cm ³	1.03

Processing Technique

Processing Temperature : 190 – 240 °C

However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.