

MA 31

Product Grade	MA 31
Applications	Injection molding of various articles for one-shot using Polymer component for production of master batches Polymer component for filled and reinforced composites
Product Description	HIPOLEN P MA 31 is general purpose high melt flow homopolymer with narrower molecular weight distribution. This grade is designed for injection molding of consumer articles, providing faster cycles and improved dimensional properties of end products. Grade MA 31 is also intended for production of additive and pigment master batches, for compounding with mineral fillers and wood particles, as well as for production of reinforced composites.

Product Properties	Testing Method	Nominal Value	Unit
Melt Flow Rate MFR	ISO 1133, (230oC; 2,16 kg)	17	g/10 min
Density	ISO 1183 (D)	0,90	g/cm3
Tensile Strength at Yield	ISO 527	32	MPa
Tensile Modulus	ISO 527	1300	MPa
Flexural Modulus	ISO 178	1250	MPa
IZOD Impact Resistance	ISO 180 (230C, notched)	3,3	kJ/m2